

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.





SPRING 1916

CATALOG of
FRUIT & ORNAMENTAL TREES
SHRUBS ETC.

GRAPE VINES

OUR SPECIALTY

WEST HILL NURSERIES
LEWIS ROESCH

prop.

FREDONIA N.Y.



ESTABLISHED
1875

The Early Daisy Grape, the earliest in existence.

We offer four 2 year or six 1 year vines for \$1.00
post paid. See pages six and nine.



Office of the West Hill Nurseries.

To Our Friends and Patrons

The procession of the seasons again brings our catalogue—our only salesman—to your home. Faithful, efficient and enterprising service these 41 years since our start in this business, assisted by a most congenial soil and climate, as well as appreciative customers, have built up for us an immense trade, for which we are truly thankful.

We have made friends of our customers in every state of the Union and other countries, and feel a commendable pride in the behavior of our stock as shown by the many unsolicited testimonials we have received, for a few of which see the third cover page. Not only have we produced good stock, true to name, packed it well and shipped it promptly and in good condition, but sold it at very reasonable rates. Not the lowest ever, only those dealing in cull stock can do that, for which trade we have no ambition.

Our stock is the product of great care and vigilance as well as knowledge and hard work. During July and August, we go over it all, row by row, to pick out accidental mixtures.

Our friends and customers can also have the benefit of our 45 years experience as fruit growers for the asking.

Certificate of Inspection of Nursery Stock

State of New York, Department of Agriculture.

No. 45.

THIS IS TO CERTIFY that the stock in the Nursery of LEWIS ROESCH, of Fredonia, County of Chautauqua, State of New York, was duly examined in compliance with the provisions of Section 305 of the Agricultural Law, and it was found to be apparently free from any contagious or infectious plant disease or diseases, or the San Jose Scale or any other dangerously injurious insect pest or pests.

This Certificate expires September 1st, 1916.

CHAS. S. WILSON, Commissioner of Agriculture.

Dated Sept. 17, 1915, Albany, N. Y.



A Block of Currants in the West Hill Nurseries.

GENERAL INFORMATION

Direct to You—We have no salesmen or agents to pay or protect, and therefore sell to you at strictly wholesale prices. You save from 25 to 50 per cent—all commissions, rebates and expenses usually paid salesmen and jobbers. We grow our own stock and our charges are as low as equal quality can be bought for anywhere.

Established in 1875—We have been in this business since 1875, and have built up a large trade in every state and in Canada. Our reputation among nurserymen and fruit growers is the best, and we are amply responsible. You can have the greatest confidence in us. Read what our customers say of us on third page of cover and throughout this book.

Grape Vines our Specialty—Since 1880 we have made the propagation of grape vines our great specialty. In that time we have produced many millions of vines, which are now in successful bearing throughout this country and Canada. We know how, and do grow superior vines at a less cost than most other nurseries produce inferior vines for.

General Nursery Stock—Having a great variety of soils and a comparatively mild climate, we can grow all kinds of hardy trees, shrubs and plants to great perfection. We have never known the thermometer to drop 20° below zero and usually not below 12°, and it is rarely that we have killing frosts between May 1st and November 1st. During this long season the stock ripens up hard and firm, and as we do not have the extremely cold weather common in many sections, even south of us, the winters do not seriously test its endurance.

Superior Packing—Our packing, for which we charge nothing, is not excelled by any other establishment. Good stock, in our opinion, must not be jeopardized by poor packing. Our customers often call our packing "a work of art." Not only do we pack with a view to entire safety, but also as lightly as possible, in order to reduce transportation charges to a minimum. We pack our goods to carry safely to any part of the world. Everything is carefully labeled.

Freight Prepaid—Orders of \$10 or over, with a remittance for full amount, will be sent freight paid to any shipping point in the States of New York, Pennsylvania, Ohio, Indiana, Michigan, New Jersey, Delaware and all New England States. Also to the following distributing points: Wheeling, W. Va.; Louisville, Ky.; St. Louis, Mo.; Chicago, Ill.; Richmond, Va., and Baltimore, Md.



A Block of German Iris in the West Hill Nurseries.

Fumigation—Our nursery stock has been examined according to law and pronounced free from San Jose scale and other vermin. Still, as an additional precaution, we have built an air-tight room where we shall fumigate our trees, etc., with hydro-cyanic acid gas to kill any vermin that may accidentally be upon them.

Express Rates have been very much reduced lately. The 100 lb. rates about 20 per cent., but nursery stock is carried 25 per cent below that even, and small packages travel at a much smaller percentage of the 100 lb. rate than before. Nor are the charges any higher for being handled by two or more companies. Moreover, since express shipments are so much speedier than freight, we can pack a little lighter. All this has reduced the expense of express shipments so much that they are frequently less than one-half as much as they used to be. We now advise the use of express for all shipments under 75 lbs., except those under 10 lbs., when mail is usually cheaper.

Club Orders—Parties requiring but few vines and plants are invited to take advantage of our offer to send \$10.00 worth, freight paid, by clubbing in with, or taking orders of their neighbors. Besides this, the person raising the club may choose the free premium stated below. This pays you for your time in forming the club.

How to Order—Make out your order on the blank facing the back cover. Follow instructions given at the top of this order blank, and write plainly. Additional order blanks will be sent, if you need them.

Our References are: Citizens Trust Co., and the National Bank, both of Fredonia, N. Y.; the Lake Shore National and Merchants National Banks, both at Dunkirk, N. Y. Your own banker may also give you our business standing from the mercantile reports. When enquiring, do not forget to enclose a self-directed and stamped envelope for reply.

Get a Free Premium—On orders received before March 15th, 1916 only, we offer the following plants as free premiums, viz: Lucile Grape, Perfection Currant, Chautauqua Gooseberry, Hydrangea P. G., Spirea Van Houttei shrubs and Japan Iris. For descriptions see pages 10, 14, 15, 42, 45 and 57.

On orders amounting to \$2.00, 1 plant; \$5.00, 3 plants; \$10.00, 7 plants. All of your choice from above list.

Orders received between March 15th and April 1st must be double the size to secure the premiums. No free premiums after April 1st.



Our Shipping Season extends from October 15th to May 15th. From December 1st to March 15th by mail and express only.

Book Premium in force throughout the year—For a \$12.00 order, we will give free "Trees, Shrubs, Vines and Perennials," a \$2.50 book on landscape gardening, described on page 61.

If desired, you can remit the price of the book and use it in making up orders. Then remit the balance and get stock for the total remitted, thus getting the book free.

Bargain Collections are net and do not count for premiums.

TERMS AND CONDITIONS

Five of one kind and **10 of not over three varieties at 10 rates.** 50 of not over five varieties at 100 rates. 400 of not to exceed eight varieties at 1000 rates. Strawberries, Raspberries and Blackberries not over two varieties in 50, nor over four in 400.

Substituting—In case we are out of a variety or size called for, we reserve the right to substitute another similar variety of equal merit, or another size or grade of an equal value, unless the words "No Substituting" are written on the order, in which case we fill the order as far as we can and return the balance.

Claims of Any Kind must be made within five days after receipt of goods. Those made after a lapse of ten days will not be entertained.

Our Guarantee—We warrant all our stock to be true to name and of quality represented to this extent, that should any prove otherwise we hereby agree, upon proper proof, to refund the money received for the same, or else replace with others that are true. But we are not liable for damages other than herein named.

Our Terms are cash with the order. By holding to this rule we have no bad debts or collection expenses and therefore can sell at lower prices.

Remit by postal or express order, bank draft or registered letter at our risk. Money loose in ordinary letters is at the risk of the sender. \$5.00 worth or more sent C. O. D. by express or freight, if desired, provided at least one-quarter of the amount, but not less than \$2.00, accompanies the order. Return charges on the money will be added in all cases.



A Block of Two Year Grape Vines in the West Hill Nurseries.



Niagara Grapes.

Suggestions and Directions for Planting

Conditions of Success—Liberal fertilizing, careful preparation of the ground, proper care and culture at the right time and judicious selection of varieties suited to the soil, are the chief things on which successful fruit growing depends. The soil should be dry. Ground too wet for winter wheat should be under-drained, although plowing into narrow lands with deep dead furrows between is sometimes sufficient.

What to Plant—Varieties found to be best suited to your neighborhood should be relied on mainly. Try new varieties, and remember that the Concord grape, Baldwin apple and Elberta peach were once novelties. Hardy, healthy plants that are good growers and prolific bearers should be selected.

When to Plant—Aside from Strawberries, Black Raspberries, and perhaps Peaches, from October 15th until the ground freezes is the best time for planting. The next best is early spring as soon as the ground is dry enough to work.

Preparation of Ground—Pulverize the soil thoroughly at least twelve inches deep. Plow sod ground early enough to become thoroughly rotted before planting. But if not practical to do so, then plow into lands the width of rows and plant into the dead furrows. Harrow ground thoroughly to make surface soil mellow, with which to cover the roots. Excellent results are often obtained in this way. If coarse manure is applied it should be plowed in. But well rotted manure is much better and should only be harrowed in so as to remain near the surface. Of commercial fertilizers unleached hardwood ashes are best, especially on leachy soil. Next best is bone dust.

Planting Trees—Having staked out ground into straight rows both ways, dig holes wide and deep enough so as not to crowd roots. Bruised or broken roots should be cut back to sound wood. During summer rub off all buds along body except a few to form the top. Quality of soil and variety of tree should determine distance apart. A strong growing variety on rich soil needs more room than a poor grower on poor soil. Peach trees may be planted between apple trees. Dwarf pears may also be planted between standard trees. Strawberries, currants, gooseberries etc., may also be used as fillers.

Waste Places—Stony ground and places too steep for cultivation, yet of rich soil, may be planted with apples, pears, cherries, plums, peaches and nuts. Trees may be allowed to branch from ground up to avoid use of ladders. Lower part of trees should be painted with pine tar as a protection against mice and rabbits.

Stock of Bearing Age and Size, and for immediate effect, is often called for. It is no great trouble to grow such that would bear and make quite a show the first year, if left standing where it is, undisturbed. But transplanting causes shock, from which it takes a season to recover, and all the more so, the larger the tree or bush is. It is, therefore, more advantageous to plant thrifty, young, rather than large, old trees, vines and shrubs. "Make haste slowly."

Overbearing is a prolific source of poor fruit, as well as weakness, disease and death to fruit trees, shrubs and vines. Remove, when about half grown, all beyond what the tree ought to bear, consistent with good fruit, health and crop, leaving, of course, the best.

Care of Stock When Received—Unpack and plant at once. If frozen do not unpack until thoroughly thawed in a dark, cool place, free from drafts. If not ready to plant when received, heel in trees in a dry place. Dig trench deep enough to hold vines, plants or trees and cover with layer of soil, pressed firmly against roots to exclude air. If heeled in over winter both root and top must be well covered with earth. Over that spread some loose litter that will hold snow, but nothing that will attract mice.

Nomenclature—The American Pomological Society as well as the the U. S. Department of Agriculture have recommended to the American Nurserymen that they use a name of but one word for each variety in so far as practicable. To comply with the same, we print those parts of names that are to be dropped, in brackets, for a year, until our friends become used to them. After that, we will omit them.

Books on Fruit Growing and other rural subjects may be obtained from us. Send for our free catalogue of rural books.



Grape Vines—Our Specialty

Selection of Varieties—Beginners in grape culture are often puzzled as to what to select from the multitude of varieties offered. To such we say that climatic conditions and other circumstances generally so limit the selection that there is only a comparatively small number to select from. In the extreme North the seasons are short and Winters severe, so that only the earliest and hardiest varieties succeed. In sections where the best can be grown, nothing else is wanted. For family use only the best that can be well grown is desirable; for market the most profitable. What those are, each particular locality and market must determine. For keeping and distant shipping, tough skinned varieties are preferable. In sections where grapes are much subject to mildew and rot, only the most robust and healthy should be selected.

Varieties of the Labrusca class, to which belongs the Concord, succeed over a larger extent of territory than any other and are particularly recommended for planting in the North and Northwest. To this class belong the varieties: Early Daisy, Early Ohio, Early Victor, Eaton, Lucile, Diamond, Moore's Early, Moyer, Niagara, Pocklington, Vergennes, Worden, etc. Varieties of the Riparia class such as Elvira, Etta, Missouri Riesling, etc., seem better adapted to the South and Southwest. Hybrids containing foreign blood, as Agawam, Wilder, etc., are not as reliable as some other varieties, being more or less subject to rot and mildew in unfavorable localities and seasons, yet they are of the best for all purposes where they do succeed, being large in bunch and berry, good keepers and shippers, strong growers, productive, and of the best quality. Varieties we cannot recommend have been omitted from the descriptive part of this catalogue, but as we still have some vines, and more or less call for them, we keep them in price list.



New Varieties—Not all new varieties, that are being introduced constantly, are improvements, but many of them are and some prove to be magnificent triumphs

of horticulture. The Concord grape, Baldwin apple and Elberta peach were novelties. In this age of close competition it is necessary for the fruit grower, if he would make the most of his opportunities to become acquainted with all varieties that are suitable for his locality. Each

kind should be given a fair trial in a small way, and then plant largely of such as are most desirable and profitable. We subject each and every variety to a trial on our own grounds and freely give the result to everyone interested. This, though valuable in a general way, cannot take the place of a trial on one's own grounds, for a variety may prove hardy here and not so hardy in another section, having a more severe climate, or in a location of greater exposure. One tender here may be hardy enough in a milder climate or more protected situation. Again, a variety, subject to mildew here, may be more or less so in other places. A trial on the spot only can settle such matters.

Planting—Strong growing varieties, as Concord, Niagara, Rogers' Hybrids etc., should be planted eight feet apart each way, and weaker growers, as Delaware, Lady, Jessica etc., some four to seven feet, according to the strength and quality of the soil. In cold climates and exposed situations plant deeper than in warm ones, to avoid injury by severe freezing. For same reason plant deeper in a loose soil than in a compact one. If the soil is clayey or wet, plant some seven or ten inches deep, and in the fall plow up to them, leaving a dead furrow between the rows to carry off the water. If ground is dry and gravelly or sandy, plant not less than twelve to fifteen inches deep. While planting vines use care not to let roots get dry. Cut them back to about a foot long and dig a hole large enough for roots to spread out in it, about as



they grow in the nursery. Work good, rich, fine and moist surface soil around the roots until they are all covered, when they should be firmly tramped down. Cover up partially at first and level off gradually during the season. After planting, trim vines back to within two or three buds of the ground.

Pruning—The object of pruning is to grow the greatest amount of fruit of best quality, and at the same time canes enough to produce an equally good crop the next year. If grape vines are not sufficiently pruned, they bear more fruit than they are able to perfect. The result is they overbear, often to their permanent injury. The fruit is so small, scraggly and late as to be next to useless; besides they fail to grow and ripen canes strong enough to bear a good crop the next season. By proper pruning you concentrate the vigor of a vine into a smaller number of canes and clusters, which it can perfect. The berries and clusters grow large and ripen early, thus securing a greater number of pounds of fruit to the vine, of much superior quality, and at the same time, strong, well ripened canes for the next year's bearing, and all this without injury to the vine. If vines do not grow strong enough cultivate better, fertilize and trim close. If too strong and do not bear enough, give them more room, either by building the trellis higher or by cutting out every second or third vine. Prune the remaining ones longer so as to cover the space.

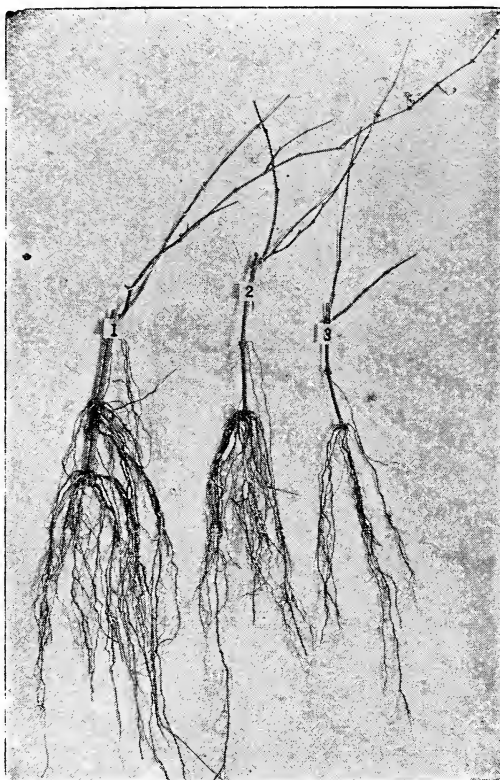
Summer Pruning—This supplements winter pruning. As soon as the new shoots are five or six inches long (early in June here), break off all new shoots that neither show flower buds nor are needed for the next season's bearing canes. All further pruning during the summer is harmful.

How to Prune—The first fall after planting, cut the vines back to the ground again, leaving only one spur of three or four buds above the ground. Let two canes grow the second season. They ought then to show a growth of from five

to eight feet; if so, cut one of them back to three buds in the fall following, and the other to within three or four feet to bear. Should they show a larger growth, more may be left; if less, little if any. For if the vine is not strong enough to force a good growth of wood, it is too weak to bear fruit. As the vines grow

older and stronger, from three to five canes may be left to bear (always preferring those that start within a foot of the root), and these trained out in fan shape on stakes or trellises. Two or more year old wood ought always to be cut down as much as possible, as it is the young wood only that bears fruit. This mode of trimming and training is called the fan system. There are many others, the description of which is not within the scope of this catalog. Whatever system is adopted, the treatment of the first two years is practically the same. Grape vines may be trained against buildings, fences, or on stakes and trellises. Wire trellises, about five feet high; are the best for vineyards. All young vines should be protected, at least the first winter or two, by plowing up to

them, or otherwise covering them with soil. The pruning may be done any time after the leaves fall in the autumn and before the sap starts in the spring, although a little bleeding will do no harm.



Grape Vines reduced to 1-16 natural length and caliber. 1 represents a 2-year No. 1; 2 a 1-year No. 1, and 3 a 1-year No. 2 vine.

Better Plants Than Expected.

Upshur Co., W. Va., June 28, 1914.
Received gooseberries, currants and grapes O. K. Better plants than I expected. Considering the 60 days' drought we have had, they made a good growth. S. A. WHITE.

The Best I Ever Received.

Doddridge Co., W. Va., May 6, 1914.
I am well pleased with the plants you sent. They were the best and best wrapped of any I ever received. MRS. GAY CONLEY.

Not a Failure.

Bergen Co., N. J., Sept. 11, 1915.
Dear Sir: In the spring of 1914 you shipped me some grape vines, gooseberries, currants and raspberries. Not a failure. Every plant has grown and fruited. The Lucile vine is bearing 15 good sized bunches. EDWARD WALL.



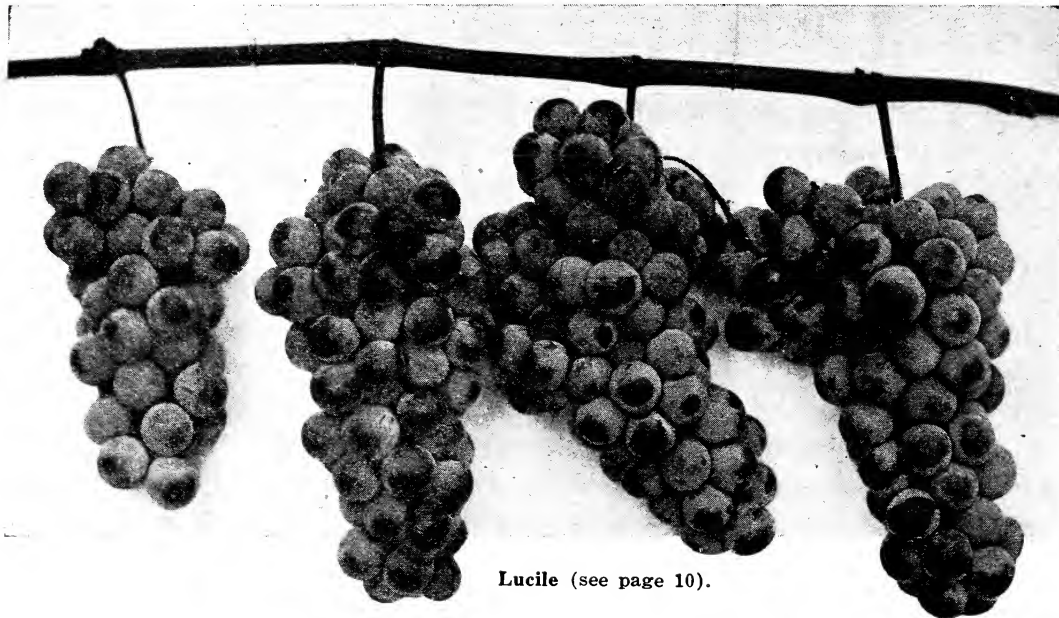
Price List of Grape Vines

Three year No. 1 vines furnished at one-half additional to price of two year No. 1; One year No. 2 at two-thirds the price of one year No. 1. Cuttings in lots of not less than 100 of a variety at one-tenth the price of one year No. 1 plants.

Note.—Ex.E., extra early; M., medium; L., late; V. L., very late; R., red; W., white; B., black.

By Mail Prepaid at Single and Ten Rates			ONE YEAR NO. 1				TWO YEAR NO. 1			
			Each	10	100	1000	Each	10	100	1000
Agawam (Rog. 15).....	M.	R	\$0.10	\$0.80	\$ 2.50	\$22.00	\$0.12	\$1.00	\$ 4.00	\$35.00
Amber Queen	E.	R	.18	1.50	7.00		.25	2.00	10.00	
Bacchus	L.	B	.10	.80	3.50		.14	1.20	5.00	
Barry (Rog. 43).....	E.	B	.18	1.50	7.00		.25	2.00	10.00	
Berkman	E.	R	.20	1.70	8.50		.30	2.50	12.00	
Brighton	E.	R	.10	.80	3.50	30.00	.14	1.20	5.00	45.00
Brilliant	E.	R	.20	1.70	10.00		.30	2.50	14.00	
Campbell	E.	B	.15	1.25	6.00	50.00	.20	1.70	8.50	75.00
Catawba	L.	R	.10	.80	2.50	20.00	.12	1.00	3.50	30.00
Champion	Ex.E.	B	.08	.70	2.25	18.00	.10	.80	3.00	25.00
Clinton	L.	B	.10	.80	2.50		.12	1.00	3.50	
Colerain	Ex.F.	W	.20	1.50	8.00		.30	2.50	12.00	
Concord	M.	B	.08	.65	2.00	15.00	.10	.80	3.00	22.00
Cottage	E.	B	.10	.80	3.00		.14	1.20	5.00	
Cynthiana	V.L.	B	.14	1.20	6.00		.20	1.70	9.00	
Delaware	E.	R	.10	.80	3.50	30.00	.14	1.20	5.00	45.00
Diamond	E.	W	.10	.80	3.00	25.00	.14	1.20	4.50	38.00
Diana	L.	R	.12	1.00	4.00		.15	1.25	6.00	
Dracut (Amber)	E.	R	.10	.80	3.50		.14	1.20	5.00	
Duchess	L.	W	.12	1.00	4.50		.18	1.50	7.00	
(Early) Daisy	Ex.E.	B	.20	1.80	9.00		.30	2.70	13.00	
(Early) Ohio	Ex.E.	B	.16	1.30	6.50		.25	2.00	10.00	
(Early) Victor	E.	B	.10	.80	3.50		.14	1.20	5.00	
Eaton	M.	B	.20	1.70	9.00		.30	2.50	13.00	
Elvira	L.	W	.10	.80	3.00		.14	1.20	4.50	
Empire (State)	M.	W	.12	1.00	4.00		.16	1.40	6.00	
Esther	M.	W	.25	2.00	9.00		.35	3.00	12.00	
Etta	L.	W	.12	1.00	4.00		.14	1.20	5.00	
Eumelan	M.	B	.14	1.25	5.00		.20	1.70	7.00	
Gaertner (Rog. 14).....	E.	R	.20	1.60	8.00		.30	2.50	12.00	
Geneva	M.	W	.15	1.25	6.00		.22	1.85	9.00	
Goethe (Rog. 1)	L.	R	.18	1.50	7.00		.25	2.00	10.00	
Green Mountain, See Winchell										
Green (Early)	Ex.E.	W	.18	1.50	7.00		.25	2.00	10.00	
Hartford	E.	B	.12	1.00	4.00		.15	1.25	6.00	
Hayes	E.	W	.12	1.00	4.00		.15	1.25	6.00	
Herbert (Rog. 44).....	M.	B	.15	1.25	6.00		.20	1.80	8.00	
Iona	M.	R	.10	.80	3.50		.14	1.20	5.00	
Isabella	L.	B	.10	.80	3.50		.14	1.20	5.00	
Ives	E.	B	.10	.80	3.00	25.00	.12	1.00	4.50	35.00
Jefferson	L.	R	.22	1.85	9.00		.30	2.60	13.00	
Jessica	Ex.E.	W	.22	1.80	9.00		.30	2.50	13.00	
King, new	M.	B	.30	2.50	15.00		.40	3.50	20.00	
Lady	Ex.E.	W	.14	1.20	5.00		.20	1.70	7.00	
(Lady) Washington	V.L.	W	.25	2.00	10.00		.35	3.00	15.00	
Lindley (Rog. 9)	E.	R	.10	.80	3.00	25.00	.12	1.00	4.00	35.00
Lucile, new	E.	R.	.15	1.25	6.00	50.00	.22	1.80	8.00	75.00
Lutie	Ex.E.	R	.15	1.25	6.00		.20	1.70	8.00	
Martha	M.	W	.12	1.00	4.00		.16	1.40	6.00	
Massasoit (Rog. 3).....	E.	R	.12	1.00	4.00		.16	1.40	6.00	
Merrimac (Rog. 19).....	M.	B	.14	1.20	5.00		.20	1.70	7.00	
Moore (Early)	Ex.E.	B	.10	.80	3.50	30.00	.14	1.20	5.00	45.00
(Mo.) Reissling	L.	W	.10	.80	3.00		.14	1.20	5.00	
Moyer	Ex.E.	R	.10	.80	3.00		.12	1.00	4.50	
Niagara	M.	W	.10	.80	3.00	25.00	.14	1.20	5.00	40.00
Norton (Virginia)	V.L.	B	.14	1.20	6.00		.20	1.70	9.00	
Perkins	E.	R	.15	1.25	5.50		.20	1.80	8.50	
Pocklington	M.	W	.10	.80	3.50	30.00	.14	1.20	5.00	45.00
Prentiss	V.L.	W	.25	2.00	9.00		.30	2.50	14.00	
Regal, new	M.	R	.20	1.75	9.00		.30	2.50	12.00	
Salem	M.	R	.10	.80	3.50	30.00	.14	1.20	5.00	45.00
Telegraph	E.	B	.12	1.00	4.00		.15	1.25	6.00	
Triumph	V.L.	W	.25	2.00	13.00		.40	3.50	20.00	
Ulster (Prolific)	M.	R	.15	1.25	6.00		.20	1.70	8.00	
Vergennes	M.	R	.12	1.00	4.00	35.00	.15	1.25	6.00	50.00
Wilder (Rog. 4)	M.	B	.12	1.00	4.00	35.00	.15	1.25	6.00	50.00
Winchell (Green Mountain).....	Ex.E.	W	.30	2.50	12.00		.40	3.50	17.00	
Woodruff (Red)	M.	R	.15	1.25	6.00		.20	1.70	8.00	
Worden	E.	B	.10	.80	3.00	25.00	.12	1.00	4.00	35.00
Wyoming (Red)	E.	R	.12	1.00	4.00		.15	1.25	6.00	

Five of a variety and 10 of not over three varieties at ten rates.



Lucile (see page 10).

Descriptive List of Varieties

Agawam—(Rogers No. 15). A large, red grape, ripening with the Concord. Sweet, with rich, aromatic flavor. A rank grower and very productive. One of the most reliable of Rogers' Hybrids.

Barry—(Rogers No. 43). Black. Ripens before Concord. Bunch very large and shouldered. Berry large, flesh tender, sweet and good. Vine vigorous, healthy and hardy.

Brighton—Dark red. Ripens with, or before Delaware. Bunch large, long and shouldered, berries medium, skin thin, flesh tender, sweet and best quality. Vine vigorous and fairly productive. Yields best if planted among other varieties. A valuable and desirable grape for garden and vineyard.

Brilliant — Bright red. Hardy and healthy. The fruit is of superior quality, and owing to its tough skin it carries and keeps well.

Campbell—A handsome, large, black grape with blue bloom. Bunch large, usually double shouldered and compact. Its flesh is sweet to the center, but rather hard and pulpy. It is not high flavored but good, not

foxy. Its skin is tough and it is a good shipper. It ripens about with the Concord, but colors up much earlier. Inclined to overbear and should be pruned closely.

Catawba — Well known, red. Bunch and berry large and of a rich, vinous, refreshing flavor and best quality. Ripens several weeks after Concord.

Champion — Black. A prolific and profitable early market grape; quality only second to third rate. Ripens with

or before Moore's Early. Flesh sweet, juicy and foxy; a rank grower and is very healthy, hardy and productive.

Clinton—Black. Desirable for wine and preserving; bunch and berry small to medium; flesh juicy and spicy; colors up with the Concord, but not ripe until two or three weeks later. A rank grower and hardy.

Colerain — White. Bunch medium to large; berries medium, very sweet, tender and of excellent quality. It ripens with Moore's Early, but will keep until frost without dropping its berries. A vigorous grower, and perfectly hardy and healthy.



Campbell.



Concord—The most extensively planted and generally successful grape in America. Black, bunch and berry large, fair quality, medium early, vine a rank grower, very healthy, hardy and productive.

Delaware—Red. The standard of excellence. Ripens with or before Concord. Bunch and berry medium, compact, flesh juicy, very sweet and refreshing; vine very hardy and productive; a slow grower, requires rich soil, good culture and close pruning. Subject to mildew in poor grape sections and seasons.

Diamond—White. A strong grower and quite healthy and hardy; very productive. Bunch and berry large. Quality fine. Ripens a little before Concord. Very desirable for both domestic and market purposes.

Duchess—White. Ripens soon after Concord. Berry medium, clusters medium to large, very compact, long and shouldered. In flavor and quality the best. Usually hardy and free from disease. A strong grower and productive; also an excellent keeper and shipper.

(Early) Daisy—Black. The earliest grape known. Ripens a week before Moore's Early, Champion or any other extra early variety and is as hardy, healthy, robust and productive as any. In quality it is better than most, while its shipping qualities are unsurpassed by any other grape. It has never been known to mildew or winter kill. It always yields a full crop, and no matter how heavy a load of fruit it bears is sure to develop it to perfection. The Early Daisy is of medium size in both bunch and berry and very compact, reminding one of the Telegraph, although different in shape, its bunches being long rather than round. Its berries never crack or drop from the cluster. While not high flavored like some varieties having foreign blood in them, it is good and sweet soon as fully colored, not foxy. Its worst fault is that, like all our purely native early grapes, its flesh is somewhat pulpy, although no more so than that of Moore's Early, if indeed as much. Desirable anywhere for both domestic use and market. Indispensable for cold sections having short season.

Eaton—Black. Similar to Worden, but not as early. Berries are even larger although not so sweet. Neither are its clusters as large and compact.



Delaware.

Elvira—White. Ripens about with Catawba. Very strong, healthy and robust grower, and as productive as anything we have seen yet. Bunch and berry of medium size and very compact. Highly prized as a wine grape in the South.

Empire (State)—A white grape of first rate quality, ripening about a week after Concord. Bunch long but slender. Berries medium, sweet, juicy and sprightly. Free from foxiness, skin thin but tough, a good keeper. Vine is a vigorous grower, quite healthy and fairly hardy.

Goethe (Rogers No. 1)—Light red. Bunch large, berries very large, flesh sweet and juicy; ripens about with Catawba. Vine vigorous, rank grower and generally healthy. Good keeper; highly esteemed South for table and wine.

Green Mountain—(See Winchell.)

Green (Early)—White. A good grower, very healthy, hardy and productive. Ripens before Moore's Early, is of fine quality and an excellent shipper. Bunch and berry are of medium size.



Herbert — (Rogers No. 44). Black; bunch and berry very large, flesh sweet, tender and of good quality. Early, hardy and productive. One of best of Rogers' Hybrids.

Isabella—Black. A well-known old variety; bunch and berry large and of good quality. Strong grower and productive, but late and not very hardy.

Ives—Black; colors early, but not fully ripe until after Concord. Bunch and berry medium; compact. Quality fairly good when fully ripe. Very healthy, hardy vigorous and productive. A generally successful market grape.

Jefferson—A red grape of the best quality; bunch very large and handsome, often double shouldered, berries medium; vine vigorous, healthy and productive. Ripens with or before Catawba.

Jessica—A white grape, originated in Canada. Ripens with Moore's Early; small to medium in bunch and berry. Sweet as honey, not foxy. Vine a fair, compact grower, healthy and productive. One of the hardiest.

King—New, black. Much larger than Concord in both bunch and berry; more compact and juicier, but hardly as sweet. Ripens with or a trifle before Concord. A good, strong grower, hardy and very prolific. Excellent for show purposes and local market. Too tender skinned for distant markets.

Lady Washington—White, handsome, of good quality; berry large bunch very large, double shouldered, and of fine yellow color; vine a rank grower and productive; fairly healthy and hardy. Ripens with Catawba.

Lindley — (Rogers No. 9.) A red grape of the best quality, and one of the most desirable of Rogers' Hybrids. Ripens with Concord, carries and keeps well; medium to large in bunch and

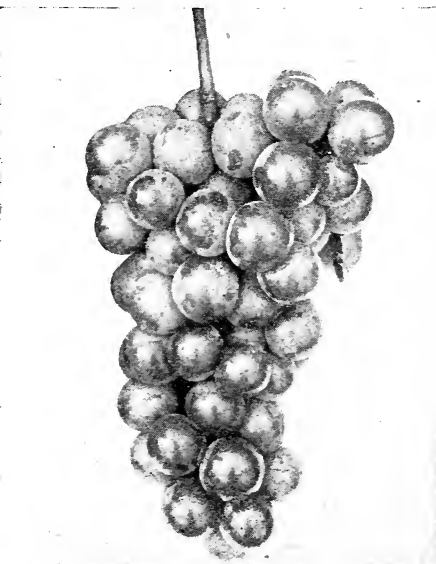


King.

berry; flesh tender, sweet and of aromatic flavor. Vine vigorous, hardy and healthy. This grape seems to be more productive when mixed with other varieties and on clay soil.

Lucile—A red grape, ripening between Moore's Early and Worden, and therefore in season to pack with Diamond and Worden, making an excellent trio of our national colors—red, white and blue. In quality not equal to Worden, but better than Moore's Early; about like the Diamond, which it also resembles in shape and compactness of cluster, but the cluster

averages considerably larger. The Lucile is a most vigorous grower and an enormous bearer, equal to the Niagara in this respect, but ripens up all its wood to the tips, under a load of fruit, where the Niagara would not ripen over one-half. Has never been known to winterkill, and is probably as hardy as any variety in America. Has never been attacked by the downy mildew or any other disease, except slightly by the powdery mildew at a place and season when other varieties in its vicinity were badly infested. Is exceedingly productive, and will, one season with another, yield as many tons to the acre as either the Concord, Worden, or Niagara. We recommend it for both Amateur and Market Culture, but particularly for the latter. The Lucile is a grand good grape for the extreme North, where early, extra hardy varieties are needed. One of the best for jelly.



Diamond.

What Others Say

What the New York Agricultural Experiment Station at Geneva, N. Y., says of the Lucile:

"Lucile is of interest and value because of its truly remarkable vine characters. In vigor, health, hardiness and productiveness it is not surpassed by any of the cultivated native grapes. It is probably a seedling of Wyoming, but the vine is much more vigorous than even that



variety, which is considered a very strong grower. Yet with all of its growth Lucile ripens its wood almost perfectly. It is very productive, as much so as any other of our native grapes, often bearing four bunches to the shoot, its crop exceeding those of Concord. It has never been known to winter-kill in the grape regions of New York, and is probably as hardy as any of our Labruscas. Its fruit and foliage are very nearly immune to the fungal diseases of the grape."

Will Ripen in Maine.

Medford, Mass., March 7, 1907.

Lewis Roesch, Dear Sir:—My Luciles were fully ripe Sept. 5th last season. My neighbors have got to get a wiggle on to beat it. * * * I guarantee the Lucile to ripen in Maine,

Yours truly,
CHAS. W. LIBBY.

The Best Ever.

Tacoma, Wash, Nov, 17, 1908.

Lewis Roesch:—Vines I got of you two years ago (Lucile, Worden and Diamond) bore well this year. The Lucile was pronounced the best ever shipped into Tacoma market. * * * Lucile is the best shipper, best bearer, best keeper and just as good flavor, etc. (as Worden and Diamond).

DR. P. B. WING.

The Coming Grape.

Fulton County, N. Y., Oct. 27, 1911.

Lewis Roesch, Dear Sir:—I gladly confirm all you say in regard to the Lucile. It certainly is the coming grape for our cold northern region. WM. CHAPIN.

A Wonderful Bearer.

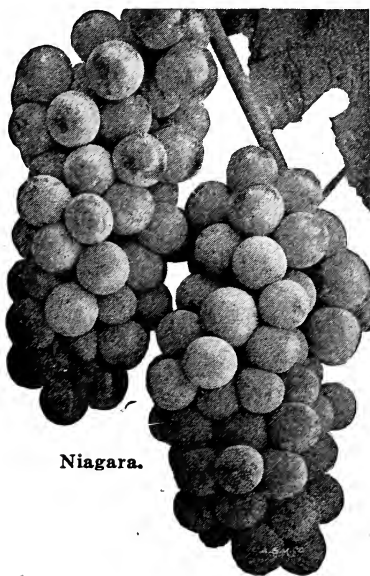
Midland County, Mich., April 13, 1914.

Lewis Roesch:—The Lucile is the grape for Michigan. A wonderful bearer and otherwise just what you claim. Never freezes back.

Yours truly,
MRS. N. LAUTZ.

Martha—White. Ripens with Concord, of which it is a seedling. Medium in bunch and berry; color greenish, turning yellow. Good as Concord in quality, but sweeter. Good grower and bearer; hardy and healthy.

Moore (Early)—Black. A seedling of the Concord, which it resembles.



Niagara.

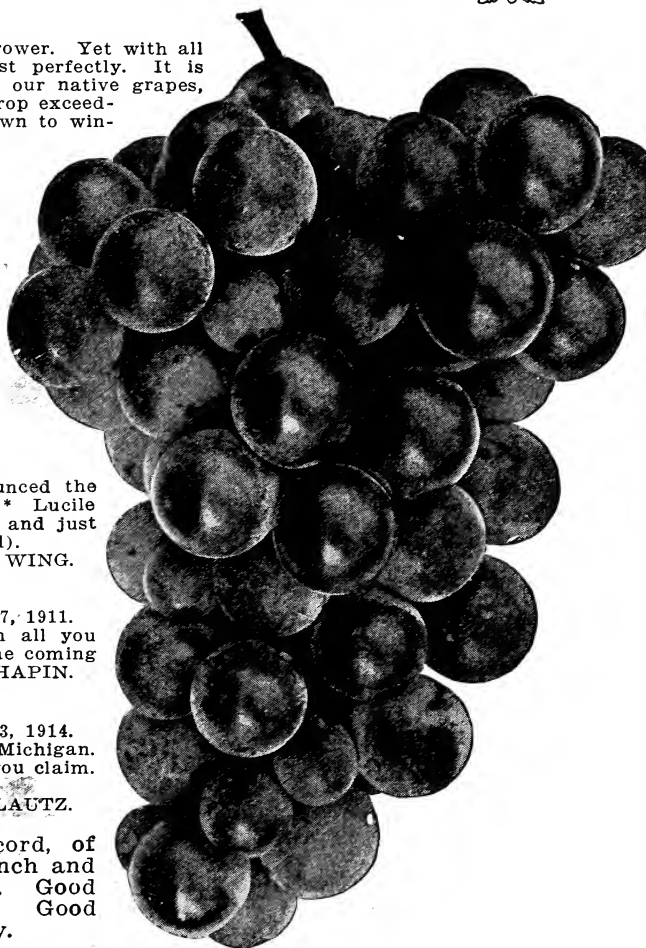
Equal to it in quality, health and hardiness, but ripens some ten days earlier. It is a good, fair grower and bearer, but requires age to do its best. Bunch large; berry very large. Valuable for garden and vineyard.

Moyer—This red grape seems to be a cross between the Delaware and some purely native variety. In hardiness, quality, color and size it is the equal of the Delaware, but is a better grower, two weeks earlier (ripening with the Champion), and is free from rot and mildew. Deficient in pollen, and should be planted among Concords to bear well.

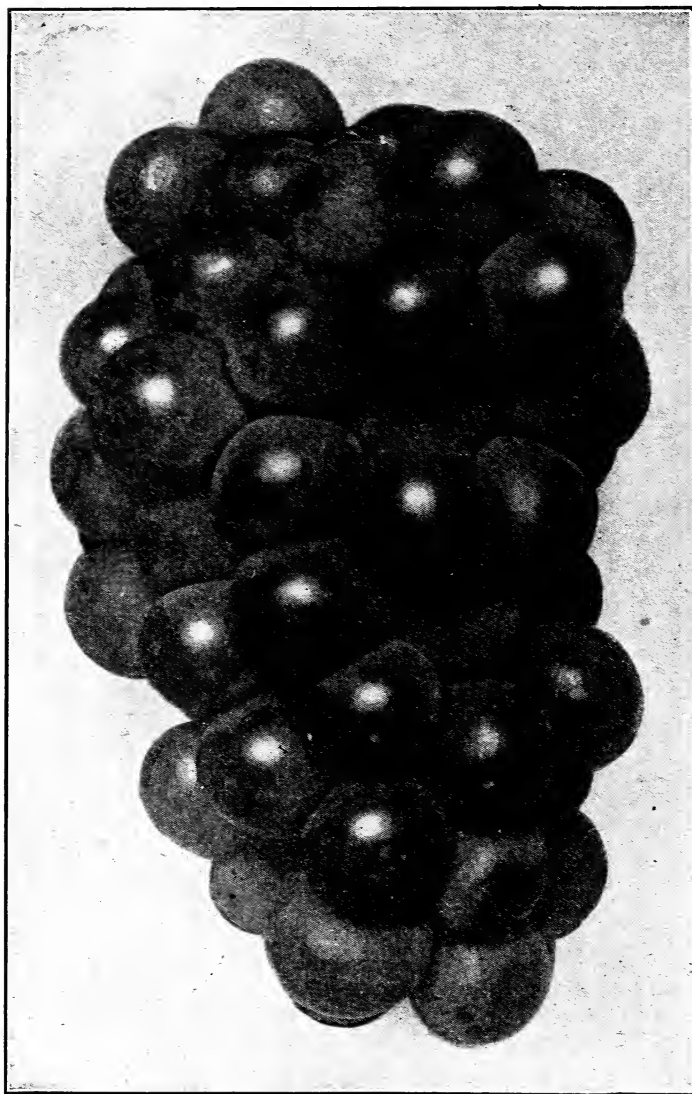
Niagara—A magnificent white grape, and very valuable for both garden and vineyard. A rank grower and very productive of beautiful bunches of the largest size. Berries large, with a tough skin; quality very good. Ripens about with Concord. Popular with vineyardists and amateurs North and South.

Norton (Virginia)—A black wine grape, highly esteemed in the South. Ripens late. Bunch long; berries small. A rank grower, healthy and productive.

Pocklington—White. Very large and showy in both bunch and berry. Very compact and of beautiful golden color. Quality about as good as Concord, with which it ripens; liked even better by some. Vine vigorous and very healthy, hardy and productive.



Worden.



Regal.

Regal—New, red. Exceedingly productive. Very vigorous, healthy and hardy. Clusters are medium to large and very compact. Berries large, dark red, juicy; skin thin but tough. Pulp tender, releasing seeds easily.

Salem—Dark red. Ripens with Concord. Bunch and berry large; flesh sweet, tender, with a rich, fine flavor. Good keeper, vigorous and productive.

Ulster (Prolific)—A very desirable red variety. Medium in bunch and berry; skin tough. Very sweet and of exquisite flavor. Ripens with the Concord. Keeps and carries well. Vine is very hardy, healthy, vigorous and productive. Inclined to overbear. Prune short.

Vergennes—Red. Ripens with or soon after Concord. Bunch and berry large,

skin thick and tough, quality excellent. Vine very vigorous, healthy and productive; hardy. Splendid keeper and shipper.

Wilder (Rogers No. 4).—Black. Bunch and berry very large; flesh sweet, pleasant and of excellent flavor. Good grower and productive. Ripens soon after Concord. Good keeper and shipper.

Winchell—White. Originated in Vermont. Good, vigorous grower, healthy, hardy and productive. Early as Moore's Early. Bunch long but slender; berry medium, sweet, of fine quality. Also known as Green Mountain.

Woodruff (Red)—A grape of ironclad hardness. A rank grower; very healthy. Large in bunch and berry; attractive, shouldered, sweet and of fair quality, but somewhat foxy and does not always color up well. Desirable as a market variety where many others fail. Ripens soon after Concord.

Worden—Black. This excellent grape is as hardy, healthy, vigorous and productive as the Concord, of which it is a seedling, but better in quality, sweeter, larger in bunch and berry, and several days earlier. Tender skinned and inclined to crack, but still valuable for garden and vineyard.

Wyoming (Red)—Superseded by the Lucile which is more productive, much larger and better in every way.

Bargain Collections

No. 1—1 each Brighton, Delaware, Diamond, Duchess, Empire (State), Herbert, Lindley, Moyer, Niagara, Salem, Ulster (Prolific) and Winchell for \$1.00.

No. 2—1 each (Early) Daisy, King and Regal, 2 each Colerain and Lucile for \$1.00.

No. 3—1 Campbell, 1 Catawba, 4 Concord, 2 Delaware, 1 Duchess, 1 Lucile, 2 Pocklington and 2 Vergennes for \$1.00.

No. 4—2 Catawba, 1 Empire (State), 1 Herbert, 1 Isabella, 2 Lindley, 1 Moore (Early), 3 Niagara, 2 Vergennes and 2 Worden for \$1.00.

No. 5—22 Concord for \$1.00.

No. 6—3 Vines each of 6 varieties of our choice for \$1.00.



Currants

The growing of this fruit and the Gooseberry is the easiest and least troublesome, and at the same time among the most profitable of any the fruit-grower has to deal with. About the only thing to do is to keep the weeds down and to gather the crop which latter process does not demand that close attention necessary for other berries. This fruit may be left to hang a week or two after ripe, if necessary, without any harm. It is usually gathered when pickers are not busy with raspberries. Plant in rows about five feet apart and three feet in the row. On the red and white varieties the fruit is mainly borne on wood two years old, the black varieties on wood one year old. Prune accordingly. To kill worms on currant and gooseberry bushes, dust them with white hellebore while the dew is on. Fertilize liberally.

Three year No. 1 plants furnished at one-half additional to price of two year No. 1; one year No. 2 at two-thirds the price of one year No. 1. Cuttings in lots of not less than 100 of a variety at one-tenth the price of one year No. 1 plants.

By Mail Prepaid at Single and Ten Rates.	1 Year No. 1				2 Year No. 1			
	Each	10	100	1000	Each	10	100	1000
Champion (Black)	\$0.10	\$0.80	\$2.50	\$20.00	\$0.12	\$1.00	\$3.50	\$30.00
Chautauqua Climbing	.20	1.75	8.00		.30	2.50	12.00	
Cherry	.10	.80	2.50	20.00	.12	1.00	3.50	30.00
Fay (Prolific)	.10	.80	2.50	20.00	.12	1.00	3.50	30.00
Franco-German	.10	.80	2.50	20.00	.12	1.00	3.50	30.00
Lee (Prolific)	.10	.80	2.50	20.00	.12	1.00	3.50	30.00
North Star	.10	.80	2.50	20.00	.12	1.00	3.50	30.00
Perfection	.20	1.75	9.00		.25	2.25	12.00	
Pomona	.10	.80	2.50	20.00	.14	1.20	3.50	30.00
Red Cross	.10	.80	3.00	25.00	.14	1.20	4.00	35.00
Red Dutch	.10	.80	2.50	20.00	.12	1.00	3.50	30.00
Versailles	.10	.80	2.50	20.00	.12	1.00	3.50	30.00
Victoria	.10	.80	3.00	25.00	.12	1.00	3.50	30.00
White Grape	.10	.80	2.50	20.00	.14	1.20	3.50	30.00
Wilder	.10	.80	2.50	20.00	.12	1.00	3.50	30.00

Five of one variety and ten of not over three varieties at 10 rates.

Champion (Black)—One of the finest and best black currants of European origin. Large in bunch and berry and of fair quality. A very strong, robust grower.

Chautauqua Climbing—A red currant of remarkable qualities. Berries and clusters large to very large, and of a mild and most excellent flavor. Remains in good order on the bush long after most other varieties are gone. Bush is very robust, healthy grower and great bearer. Can be easily trained into a tree or large vine, by tying up the leaders and nipping the laterals, but does not climb of itself like a grape vine. Has been grown to cover a trellis eight feet wide and fourteen feet high in five years, when it bore thirty-two quarts of fruit.

Cherry—Old and tried. Very popular in market on account of its great size and deep red color. Not as productive as the others.

Fay (Prolific)—Red. As large as the Cherry, with longer clusters, much more productive and of better quality, but the bush is more likely to break down under a heavy crop or in a strong wind than other kinds.

Franco-German—Red. The healthiest, rankest grower and most productive currant we know of. Holds its foliage longest of any. Clusters are four to five inches long. This currant is the latest of all and holds its fruit in good condition until Fall.



White Grape Currant.



Lee (Prolific)—Black. This variety is larger, more productive, sweeter and of better quality than any of the old black varieties.

North Star—Red. A very vigorous grower. Extremely hardy, productive, and fruit is very mild in flavor.

Perfection—New, red. A cross between Fay P. and White Grape, but superior to either in size of bunch and berry, quality and productiveness. The only small fruit ever awarded the Gold Medal by the Western New York Horticultural Society.

Red Cross—A fine red currant of large size, long clusters and mild flavor. Vigorous and very productive.

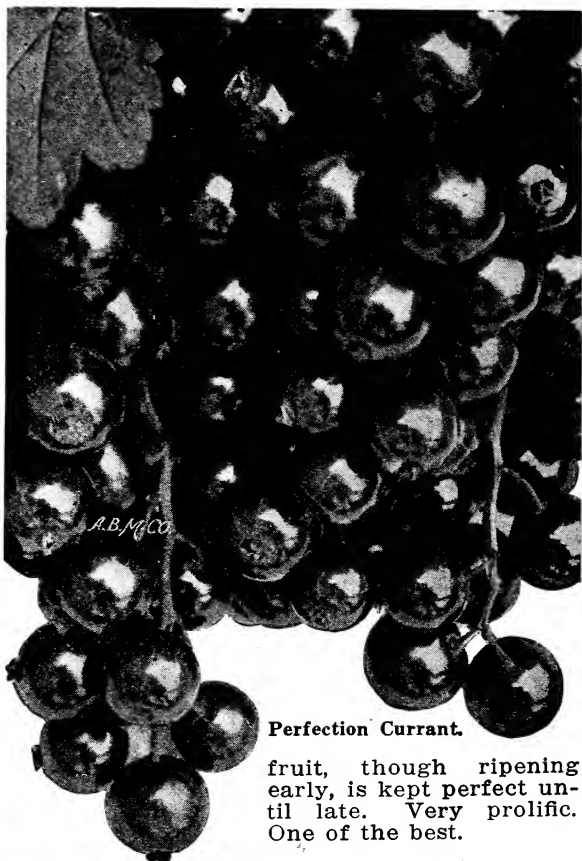
Red Dutch—Red. Very productive, good quality, but small.

Versailles—Red. Nearly as large as the Cherry, with longer clusters, much more productive and not quite as acid.

Victoria—Red. Strong grower and very productive of bright red berries on very long clusters. Very late and profitable.

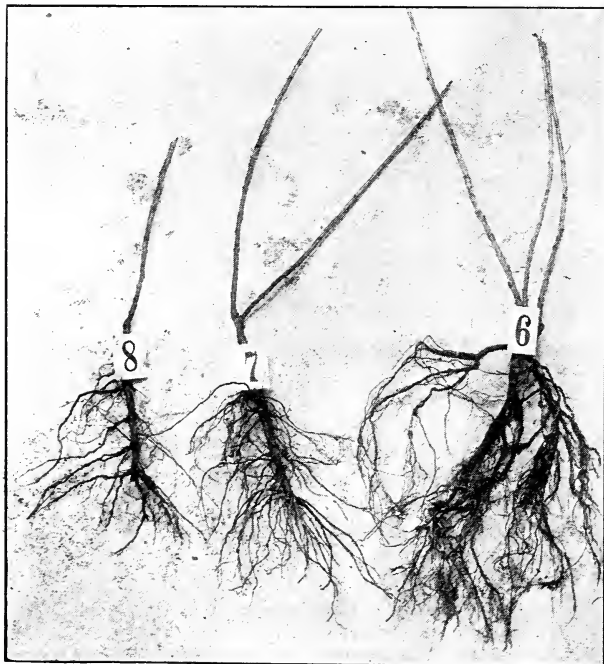
White Grape—Large, mild, of excellent quality. Productive. Best of the white varieties for home use and market.

Wilder—One of the largest red currants known, and of good quality; mild sub-acid. The bush is a strong, vigorous grower and holds its foliage so well and fresh that its



Perfection Currant.

fruit, though ripening early, is kept perfect until late. Very prolific. One of the best.



Samples of Currant Plants—6 Represents a 2-year-old No. 1; 7, a 1-year No. 1; 8, a 1-year No. 2.

BARGAIN COLLECTIONS

No. 7—3 Lee (Prolific), 7 Fay (Prolific), 4 Franco-German and 3 White Grape for \$1.00.

No. 8—2 Chautauqua Climbing, 2 Perfection, 3 Red Cross, 3 White Grape and 4 Wilder for \$1.00.

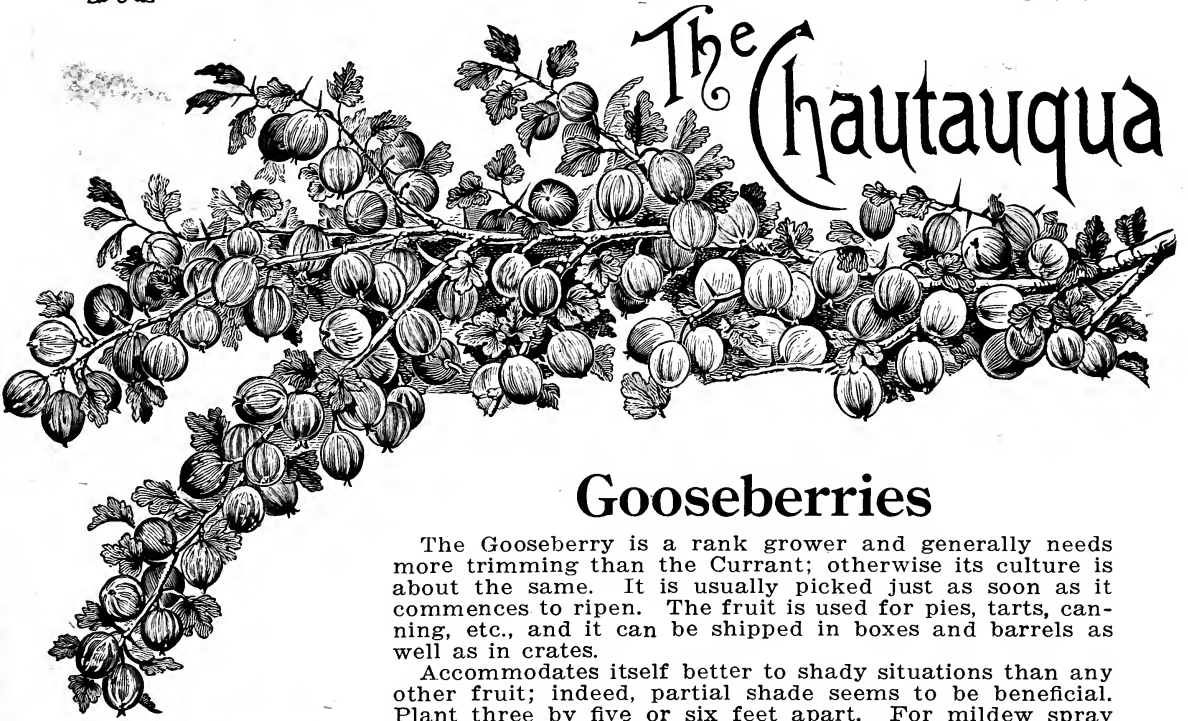
No. 9—22 Fay (Prolific) for \$1.00.

No Orders Refused.

Some nurserymen refuse to pack an order amounting to less than \$1.00 because it does not pay. We, however, agree to pack and send any order you may give. We believe that "sturdy oaks from little acorns grow." When you see our goods you will want more.

Come to Fredonia.

We invite you to come to Fredonia and look over our Grape Vines, Trees and Plants. Take electric car from Dunkirk (on Lake Shore R. R.). Let us show you why we claim so much for our goods, our methods and our reliability. Our latch string is always out.



Gooseberries

The Gooseberry is a rank grower and generally needs more trimming than the Currant; otherwise its culture is about the same. It is usually picked just as soon as it commences to ripen. The fruit is used for pies, tarts, canning, etc., and it can be shipped in boxes and barrels as well as in crates.

Accommodates itself better to shady situations than any other fruit; indeed, partial shade seems to be beneficial. Plant three by five or six feet apart. For mildew spray with a solution of one-half ounce liver of sulphur to one gallon of water every ten days from the time the leaves start in spring until fruit is picked. Kill the Currant Worm as directed for Currants. It is now claimed that the lime-sulphur spray is a specific for gooseberry mildew, and that one thorough application just before the leaves appear is enough for the season.

Price List of Gooseberry Plants.

Three year No. 1 Plants furnished at one-half additional to price of two year No. 1; one year No. 2 at two-thirds the price of one year No. 1.

	1 Year No. 1.				2 Year No. 1.			
	Each	10	100	1000	Each	10	100	1000
Chautauqua	\$.20	\$1.60	\$8.00	\$70.00	\$0.30	\$2.50	\$11.00	\$100.00
Downing	.12	1.00	4.00	30.00	.16	1.20	5.00	40.00
Houghton	.10	.80	3.00	20.00	.12	1.00	4.00	30.00
Industry	.20	1.75	10.00	.....	.30	2.50	14.00	.....
Josselyn	.12	1.00	4.00	30.00	.16	1.20	5.00	40.00
Pearl	.12	1.00	4.00	30.00	.16	1.20	5.00	40.00
Smith (Improved)	.12	1.00	4.00	30.00	.16	1.20	5.00	40.00

Five of one variety and ten of not over three varieties at 10 rates.

Chautauqua—A very vigorous, stout, stiff, upright grower and exceedingly productive. Should not be planted closer than four by six feet apart. Leaves are large, glossy and dark green; its fruit is a beautiful light yellow, perfectly free from spines and down, veined and translucent, averaging in size 1 to 1 ¼ inches in diameter, although we have often grown them 1 ½ inches long. Rather thick skinned, but very sweet and of exquisite flavor.

Downing—The largest of the American varieties. Whitish green, and of good quality. Bush is a strong, stout, upright grower, and quite prolific and healthy.

Houghton—Pale red, medium sized berries of good quality. Vigorous but slender grower, healthy and very productive.

Industry—Very large, dark red and of a rich, pleasant flavor, but not of robust constitution.

Josselyn—A vigorous, upright growing bush, healthy and productive. Fruit is light red and of about the size of the Downing.

Pearl—About the same if not identical with the Downing.

Smith (Improved)—Large, yellow; skin thin. Of best quality and unsurpassed for table use and cooking. Good grower and free from mildew.

BARGAIN COLLECTION

No. 10—2 Chautauqua Gooseberry, 4 Downing, 3 Smith (Improved), and 4 Josselyn for \$1.00.



Raspberries

For garden culture, raspberries may be planted about four feet apart each way, and tied up to stakes. A row or two each of blackberries, raspberries, grapes, currants, gooseberries and strawberries across the garden will be very convenient to attend to and would be a source of pleasure, comfort, health and profit all through the season.

For field culture, plant in rows six or seven feet apart and two and one-half to three feet in the row, and set two to five inches deep, according to nature of soil. In Fall or Spring following, trim canes back to within one or two feet of crown, according to growth they have made. About in June, when young canes have made a growth of from one and a half to two feet, pinch off tip ends to make them throw out laterals. This makes them stocky and able to resist high winds. After fruiting, remove all old wood, as the new canes need all the room, and should have all the strength the root is able to furnish.

Prices of Red and Black Raspberries Except Where Noted. Each, 5c; ten, 40c; hundred, \$1.25; thousand, \$10.00. Postpaid at Single and Ten Rates.



Plum Farmer Raspberry.



Columbian Raspberry.

Black Raspberries

(Black) Diamond—Probably the most popular blackcap among market growers. Its great vigor and hardiness, productiveness, large, rich and jet black berries bring it in great demand. Equally valuable for evaporating, canning, market and home use.

Columbian—Dark red or purple, similar to Schaffer's Colossal, but a much better grower and bearer, larger and firmer. The most prolific raspberry known and best for canning and drying. Although red, it propagates from the tip only and never suckers. Late.

Cumberland—The largest black raspberry known, averaging $\frac{7}{8}$ inch in diameter. Good and firm as the Gregg, but bush is hardier, having successfully withstood 16 degrees below zero. A strong, vigorous grower and wonderfully productive. Mid-season.

Gregg—Very large and late. Bush a strong, upright grower, productive and very desirable for market and home use.

Kansas—New. Originated in Kansas, where it is prized as the best blackcap. Ripens early and is as large or larger than the Gregg. Jet black, firm, handsome and of best quality. Very vigorous and productive. Very popular East and West.



(Plum) Farmer—New. A berry of the largest size, great productiveness, ripening very early and most of its fruit within one week. Great for the early market. It's a money maker.

Red Raspberries

Cuthbert—The most extensively planted red raspberry. Fruit bright red, good and very large, bush very vigorous, hardy and prolific. Medium to late. Land should not be too rich.

Golden (Queen)—New. Similar to the Cuthbert, of which it is a seedling, except in color, which is what its name implies. Bush very large, hardy, vigorous and productive. No garden should be without it. Price, each, 8c; 10 for 60c; 100 for \$2.00.

Herbert—New, red. Originated in Canada, and is probably the hardiest and most beautiful red raspberry grown. Stood 40 degrees below zero uninjured. Very robust, prolific and free from disease. Fruit is oblong, bright red, of fine quality and very large. Price, each, 10c; 10 for 80c; 100 for \$3.00; 1,000 for \$25.00.

Perfection—New, red. Strong grower, producing canes 10 feet high and correspondingly prolific. Canes perfectly smooth and have stood 20 degrees below zero without injury. Mammoth sized, bright crimson berries, grow in immense clusters. Continues to bear a long time. Price, each, 10c; 10 for 80c; 100 for \$2.50; 1,000 for \$20.00.



St. Regis,
Everbearing.



Cuthbert.

Marlboro—A very large, bright red berry, ripening with the earliest, firm and of good quality. Very hardy, and a fair grower and great bearer. Needs good soil.

St. Regis—New, everbearing. Ripens earliest and continues to bear to the end of October. Wonderfully prolific. Very vigorous with abundance of large, dark green leaves. Fruit is large, bright crimson, rich, sweet and high flavored. Come to stay. Price, each, 10c; 10 for 80c; 100 for \$2.50; 1,000 for \$20.00.

BARGAIN COLLECTIONS

No. 11—5 Cumberland, 5 Columbian, 5 Marlboro, 5 Perfection and 4 Golden (Queen) for \$1.00.

Five of one variety and ten of not over three varieties at 10 rates.



Blackberries

The time has been when a crop of blackberries was a very uncertain quantity north of Pennsylvania. But since the introduction of hardy and improved varieties, fine large fruit may be grown in almost any part of the country with a reasonable degree of certainty. The culture of the blackberry is essentially the same as that of the raspberry, except as it is a stronger bush it needs a little more room and longer trimming.

Price of blackberries except where noted, each 6c; ten for 50c; hundred for \$1.50, and thousand for \$12.00. Postpaid at single and ten rates.

Briton (Ancient)—This variety was brought from England a few years ago, and unostentatiously and by merit alone has worked itself into the esteem of both growers and consumers. Is very hardy, vigorous, healthy and exceedingly productive. Large and late.

Blower—Originated here in the Chautauqua "Grape Belt," and is no doubt, the most productive blackberry known. 2,694 berries have grown on one bush, and 2,720 quarts on one-third acre. Of good size and quality. Jet black and a good shipper. Hardy. Price, each, 8c; 10 for 60c; 100 for \$1.75; 1,000 for \$15.00.

Eldorado—A good grower, healthy, very hardy and exceedingly productive. Berries are large, jet black and of best quality. Very reliable. Price, each, 8c; 10 for 60c; 100 for \$1.75; 1,000 for \$15.00.



Eldorado.

Erie—One of the earliest, very large, round and of excellent quality. Bush is vigorous, hardy and productive.

Lucretia Dewberry—A running or trailing blackberry. May be left to sprawl on the ground or else tied up on stakes or trellises like grape vines. Propagates from tips like black raspberries and never suckers. Prune severely. Best of its class, ripening before any blackberry. Very large, wonderfully productive and of very best quality.

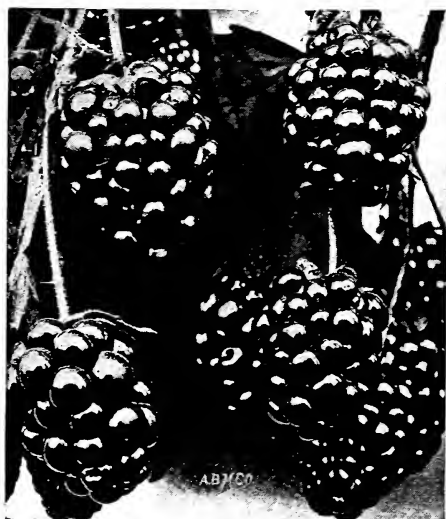
Mersereau—A very hardy, strong, upright grower and great bearer of large brilliant black berries that retain their color. Sweet, rich and melting, without core. Price, each, 8c; 10 for 60c; 100 for \$1.75; 1,000 for \$15.00.

Rathbun—As large, early and productive as Wilson, Jr., and like it does not sucker freely but roots from the tip of its canes like the black raspberry. Much harder, however, and sweeter and freer from core. Price, each, 8c; 10 for 60c; 100 for \$1.75; 1,000 for \$15.00.

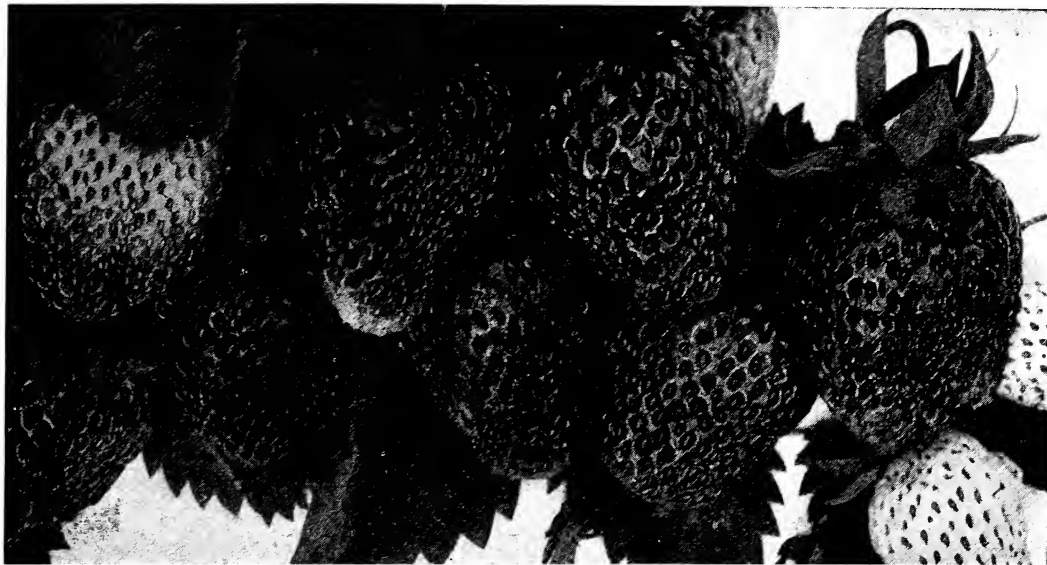
Snyder—Very popular on account of great hardiness and productiveness. Berries are medium size, sweet and good. Reliable.

BARGAIN COLLECTIONS

No. 12—6 Eldorado, 6 Mersereau, 6 Lucretia and 6 Blowers for \$1.00.



Mersereau.



(Senator) Dunlap.

Strawberries

For home use, strawberries may be planted in rows some three feet apart and one foot in the row. Much larger and more fruit can be grown by closer planting, say one by one and a half feet, cutting off the runners as fast as they grow. In field culture they are usually planted in rows four feet apart and one foot in the row and runners left to grow. Planted so, most of the cultivation may be done with horse labor. It is very essential that they be kept free of weeds all through the season. It is well to mulch them early in the winter for protection against severe and sudden changes of weather, and to keep them from heaving out. Coarse horse manure is first-rate for this purpose, but potato tops, corn stalks, evergreen boughs or other litter having no weed seeds in, will do. Coarse material has to be removed in the spring, while finer parts of horse manure may be left to fertilize and keep the ground damp, which is quite an advantage in dry weather. We cannot recommend summer planting in the North, as plants are then very young, tender and expensive, and the weather unfavorable. Whatever the heat and dry weather does not destroy a severe Winter is sure to. Early Spring is a far better time. In the South where winters are mild, late Fall and Winter is no doubt the best time to plant. Varieties marked P have imperfect blossoms, and to produce well should have every third or fourth row of some variety, not so marked, planted between them; then they are even more productive than those having perfect blossoms.

Prices of strawberry plants except where noted. Ten for 30c; hundred for 65c; thousand for \$4.50. Postpaid at ten rates.

Aroma—A berry of the highest quality, very late and exceedingly productive. Very large, conical in shape, smooth and glossy. Pleasing to both eye and palate. The plant is very robust, healthy and hardy. One of the best.

Brandywine—Plant is large, hardy, healthy, vigorous and an abundant bearer. Berries large, regular, conical in form, firm, and of excellent quality. Late, popular wherever known for market as well as home use.

Bubach—P. This is one of the very best varieties for home use or nearby market. Plant is very large, dark green. Very hardy, robust and productive.

Fruit of the largest size and uniform. Early; continues a long time in bearing.

Corsican—Plant is first-class in every way and it is said that the berry is the largest that goes into the Rochester market. Some of our local growers also rate it very highly. It is recommended as doing well on beds four or five years old. Bears a good crop of light red, showy berries with light flesh, though rather rough in appearance.

Crescent, P.—One of the rankest growers and a wonderful bearer, of medium to large sized, nice looking berries. Fair quality but soft.

Five of one variety and ten of not over three varieties at 10 rates.



Gandy—A good late berry. A robust grower, healthy and hardy. Fruit is very large, firm and of bright crimson color.

Glen Mary—One of the largest berries on the list. Of bright crimson color and fine flavor, always bringing the highest price in the market. The plant is very strong, healthy and prolific. As desirable for marketman as amateur. Midseason.

Jessie—This is not the largest strawberry we have ever seen, nor the prettiest, firmest, most productive nor best grower, but it combines all these good qualities in a high degree and is very desirable for both field and garden.

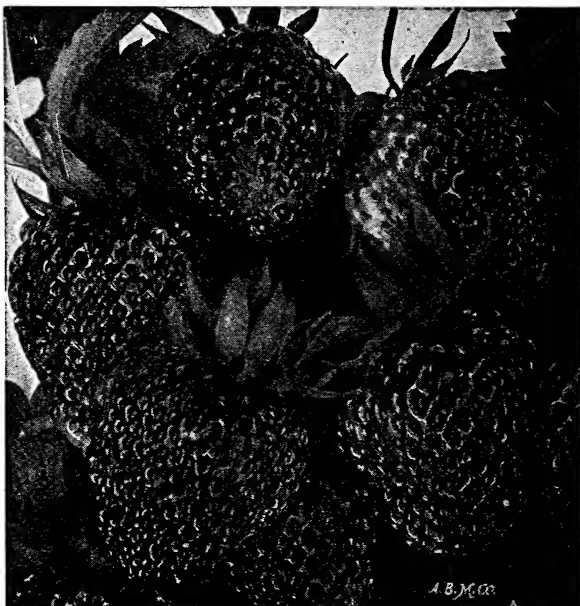
Marshall—New. One of the earliest. Plant very strong and vigorous. Berries of largest size and very uniform in shape. Dark crimson and of a most delicious flavor. Very fine.

Michel (Early)—Resembles Crescent in vigor, health and fruit, but is much earlier.

New York—Satisfactory wherever tried. One of the big berries growing on large plants in great numbers. Sure to please the householder, the dealer, the judges at the fairs and, best of all, the grower. Of a bright, attractive color and very showy.

(Nick) Ohmer—Fruit of the largest size. A giant among strawberries. Dark glossy red, fine and of excellent flavor. The plant is very large and stocky, healthy, vigorous and productive.

(Senator) Dunlap—A well tested, generally successful and wonderfully productive variety. Plant as strong a grower as Crescent. Fruit is medium to large,



Michel (Early).

regular form, beautiful bright red, firm and of most excellent quality. One of the best shippers. Ripens early, continues a long time. One of our standard sorts.

Superb—A practical and profitable everbearing berry. As sure to bear all summer and fall as Sen. Dunlap bears in June. Plant is vigorous, hardy, healthy and prolific. Fruit is large, handsome, dark red, glossy, of perfect shape, quite firm, quality unsurpassed. Simply "Superb." Its plants are as hardy, healthy and robust as any we know of and more productive. The Superb is probably not only the best everbearer, but the best strawberry, everything considered. After five years' experience with it, we have yet to find the first fault. Price, 10 for 50c; 100 for \$1.50; 1,000 for \$10.00.

(Wm.) Belt—Its originator says that he has frequently grown berries of this variety of which twelve would fill a quart. In shape they are rather long and conical. Bright red all over, healthy and prolific. Quality good.

BARGAIN COLLECTIONS

No. 14—25 each Aroma, Brandywine, Marshall and New York for \$1.00.

No. 15—10 each Brandywine, Gandy, Glen Mary, Jessie, New York, Marshall, (Sen.) Dunlap and (Wm.) Belt for \$1.00.



Wm. Belt.

STRAWBERRY PLANTS are too perishable to be shipped by freight. We offer them during April and May only, which is by far the best time of the year to plant.

Five of one variety and ten of not over three varieties at 10 rates.

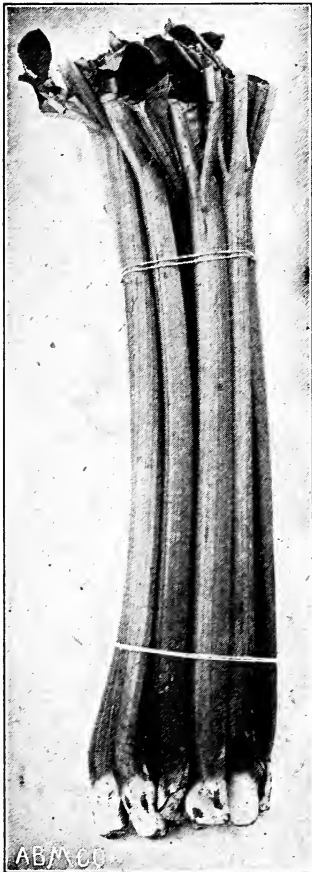


Asparagus

The culture of this early and delicious vegetable is usually very profitable. It comes early in the season when there is little else to market and the proceeds are quite acceptable. It is a rank feeder and must be manured very highly. Plow or spade the ground at least a foot deep, work in and mix with the soil thoroughly plenty of rich, well-rotted manure. For field culture plant in rows three and one-half or four feet apart and one and one-half in the row. But for home use it may be planted one and one-half feet apart each way and some three inches deep. Keep the ground clear of weeds, and spread on a good coat of rich manure every fall.

Price of 1-year plants, ten for 30c; hundred for 60c; thousand for \$4.00. 2-year plants, ten for 40c; hundred for 75c; thousand for \$5.00. By mail postpaid at ten rates.

Columbian (Mammoth White) — Remarkable for the color of its shoots, which are white, as well as for its vigor, large size and yield.



Rhubarb.

Conover (Colossal) — Large, a strong grower, productive and of fine quality.

Palmetto — Earlier, larger and more productive than Conover's Colossal.

Barr (Mammoth) — Earliest of all, otherwise the equal of Conover's.

BARGAIN COLLECTION

No. 16—20 Barr (Mammoth), 20 Palmetto Asparagus and 4 Myatt's L. Rhubarb for \$1.00.

Rhubarb or Pie Plant

The first thing in spring to furnish material for pie and sauce. Also very desirable for canning, and should be in every garden. Plant three or four feet apart and make the soil rich. The richer the soil the earlier, larger and better the stalks will be.

Price of 1-year roots, each 10c; ten for 80c; hundred for \$4.00; price of 2-year roots, each 12c; ten for \$1.00; hundred for \$5.00, by mail postpaid at single and ten rates.

Myatt's Linnaeus is the largest and best.

In Danger of Becoming Our Agent.

Polk Co., Fla., May 21, 1913.

If this thing keeps on, I shall be counting myself your agent. Have just sent your catalog to another neighbor who heard of the kind of stock you have been sending me. Look out for an order from him.

R. H. YOUNG.



Palmetto Asparagus.

Five of one variety and ten of not over three varieties at 10 rates.

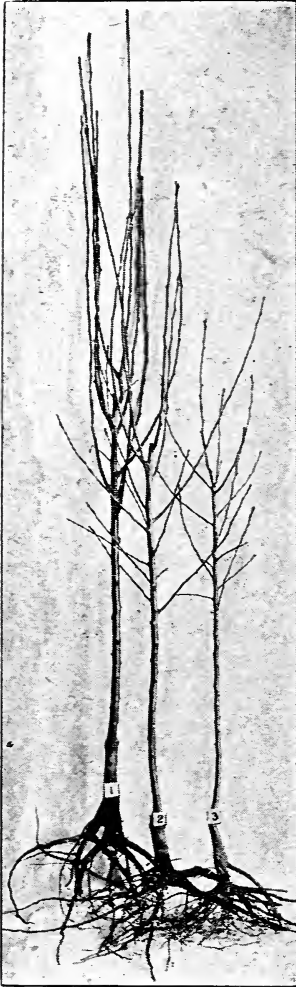


Photo-etching of our Standard Pear Trees reduced to 1-27th natural length and caliber.

1 represents a 6 to 8 foot tree, $\frac{1}{2}$ to 1 inch caliber. 2 represents a 5 to 7 foot tree, $\frac{3}{4}$ to 1 inch caliber. 3 represents a 4 to 5 foot tree, $\frac{5}{8}$ to $\frac{3}{4}$ inch caliber.

Clapp's favorite, D.—Much like Bartlett, of which it is a seedling, but larger and a little earlier. Very vigorous. Of fine quality, but neither keeps nor carries well. August.

Koonce, D.—Robust, hardy, healthy and very productive. Ripens with the earliest, and for so early a variety is quite large. Handsome, quality good. Very profitable. July.

Wilder, D.—Medium size; yellow with carmine cheek. Of high quality for so early a pear. An early and regular bearer. Very hardy and productive. August.

Autumn

Angouleme, D.—Very large, greenish yellow; juicy, rich and fine flavor, rather coarse grained. Popular and profitable. October.

Pears

Pear trees when budded onto pear roots are known as Standards, when budded onto quince roots, Dwarfs. Dwarfs come earlier into bearing, usually within two years after planting, but they do not last as long as Standards unless planted deep so that the point of union between the pear and the quince gets several inches under ground, in which case the pear stock will strike roots also, and thus eventually become a Standard. Dwarf pears require more culture, fertilizing and pruning than Standards, but are equally as prolific if, indeed, not more so. All varieties are not equally well adapted for Dwarfs, and we offer trees of only such as are. Duchess d'Angouleme and Louise Bonne are most successful on the quince.

Pears are much superior in quality if ripened in the house. Pick them about ten days before they would get ripe on the tree. Late winter pears should be left hanging on the trees as long as safe, then pick and store like apples.

Plant standards about eighteen to twenty feet apart each way, and Dwarfs ten to twelve feet. We can furnish Standard trees of all varieties named, but Dwarfs of only such as have the letter "D" affixed to name.

Standard Pears

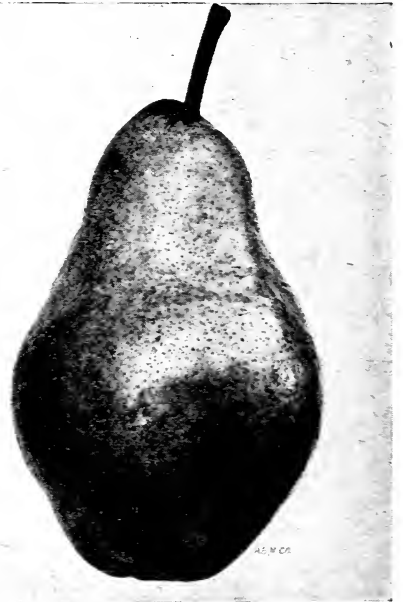
	Each	10	100
5 to 7 ft., first class.....	\$0.30	\$2.50	\$20.00
4 to 5 ft., medium.....	.25	2.00	16.00
6 to 8 ft., extra heavy.....	.40	3.50	
Keiffer $\frac{1}{4}$ less.			

Dwarf Pear, Marked "D"

	Each	10	100
3 to 4 ft., first class.....	\$0.25	\$2.00	\$15.00
2 to 3 ft., medium.....	.20	1.60	12.00
4 to 5 ft., extra heavy.....	.35	3.00	

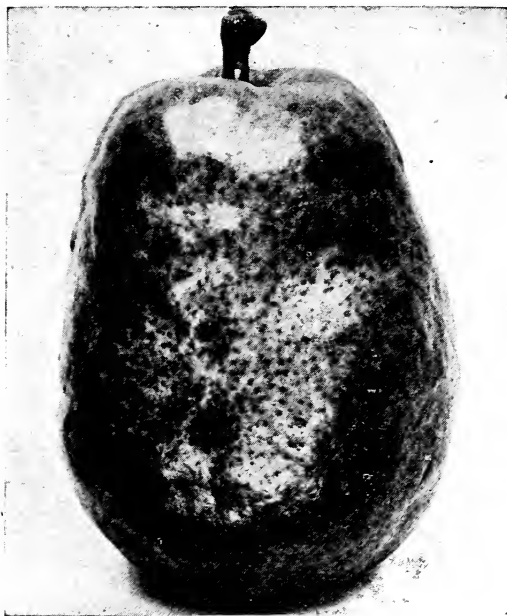
Summer

Bartlett, D.—Well known. Large, yellow; high flavored, juicy, buttery and rich. A vigorous grower and heavy bearer; very popular. August and September.



Bartlett.

Five of one variety and ten of not over three varieties at ten rates.



Angouleme (Duchess).

Anjou, D.—Very large, greenish yellow; buttery and melting with sprightly, vinous flavor. Very vigorous and productive. One of the best and most desirable. October and November.

Clairgeau—A very large and handsome market variety; juicy and vinous; bears early and abundantly; profitable. October and November.

Flemish (Beauty)—Large, beautiful, yellow and russet; juicy, melting, sweet and good. Great bearer, reliable. September and October.

Keiffer—Large, rich golden yellow with red cheek. Very vigorous, healthy and hardy; an early, regular and abundant bearer. The best for canning. Remarkable for its keeping and shipping qualities. Very profitable. Oct and Nov.

Louise (B. D. J.) D.—Medium to large, greenish yellow with red cheek; fine quality. Vigorous grower and great bearer. September and October.

Seckel, D.—Small, yellowish brown and of highest flavor and quality. Good grower and productive. September and October.

Sheldon—Large, apple-shaped, green and russet. Sweet, juicy and highly perfumed. Best quality. Vigorous, hardy, productive. Oct.

Worden (Seckel)—A seedling of the Seckel, but several times as large, and superior in beauty and keeping quality. Very sweet, juicy and fine grained, and has the peculiarly pleasant aroma of its parent. October.

Winter

Drouard (President)—Large and handsome, melting, juicy, rich, with delicate perfume. February to March.

Easter—Large, yellow with brown dots. Quality good. One of the best winter pears. December to February.

Lawrence, D.—Medium, yellow with brown dots; melting, pleasant, aromatic. November to December.

BARGAIN COLLECTIONS

Not Prepaid

No. 17—4 Standard Pears: One each Koonce, Bartlett, Anjou and Kieffer for \$1.00.

No. 18—5 Dwarf pears: One each Koonce, Clapp's Favorite, Louise (Bonne de Jersey), Angouleme and Lawrence for \$1.00.

The Wonder of My Neighbors.

Stratford Co., N. H., Oct. 24, 1911.

Messrs. Lewis Roesch & Son:

This year every vine bore. The Regal and Lucile were just loaded with large clusters and were the wonder of my neighbors.

Yours truly, B. B. BRACKETT.

Never Saw Anything Like It.

Burlington Co., N. J., March 31, 1913.

Messrs. Lewis Roesch & Son,

Dear Sirs:—The Lucile is a very fine grape. Several of my neighbors told me they never saw anything like it, and I never have either.

Very truly yours, AUGUST GESELL.



Keiffer.

Five of one variety and ten of not over three varieties at 10 rates.



Cherries

The Heart and Bigarreau cherries are sweet, of larger and more robust growth than Dukes and Morellos. Plant them eighteen feet apart each way. Plant Dukes and Morellos fifteen feet apart. Their growth is slower but much harder; fruit sour. A dry soil is very essential for cherries.

Hearts and Bigarreaus (Sweet)

	Each	10	100
5 to 7 ft., first class...	\$0.35	\$3.20	\$28.00
4 to 5 ft., medium.....	.30	2.70	23.00
6 to 8 ft., extra heavy. .45	4.00	.....

Dukes and Morellos (Sour)

	Each	10	100
4 to 5 ft., first class...	\$0.35	\$3.00	\$24.00
3 to 4 ft., medium.....	.30	2.50	20.00
5 to 7 ft., extra heavy. .45	4.00	.....

Hearts and Bigarreaus

(Black) Tartarian—Very large, juicy, rich and productive. One of the best. End of June.

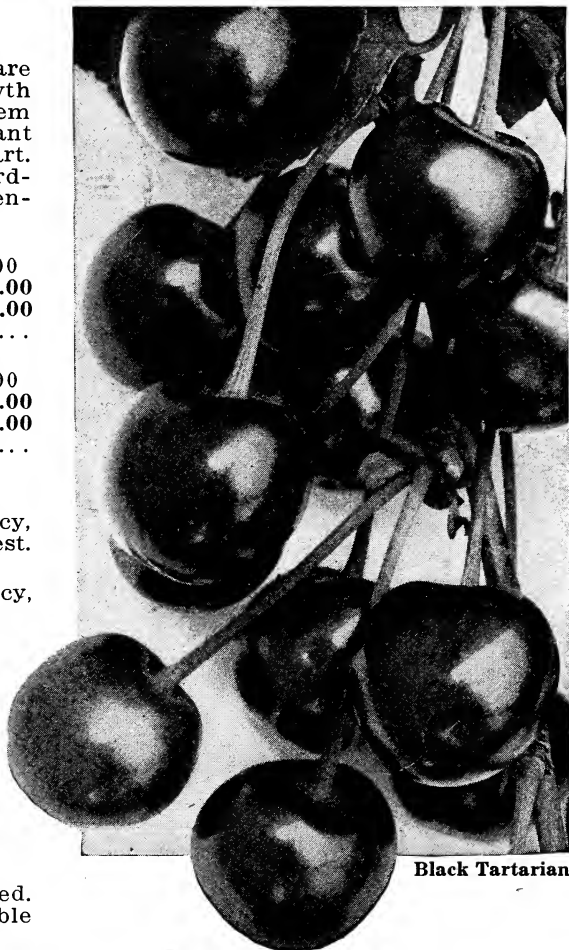
Gov. Wood—Large, light red; juicy, rich and delicious. End of June.

Napoleon—Very large, pale yellow and red; firm and sweet; profitable. July 1st.

Spanish (Yellow)—Large, pale yellow with red cheek; juicy and very good. End of June.

Schmidt—Very large, jet black, very juicy, sweet and of fine flavor. An excellent shipper and very profitable. Tree is hardy and a strong, healthy grower.

Windsor—New, large, liver-colored. Very firm and good. A late and valuable variety. End of July.



Black Tartarian.



May Duke.

Dukes and Morellos

Baldwin—New. Largest, richest and least sour of all Morellos. A fine upright grower, very productive. End of June.

(Early) Richmond—Medium size, red; quite acid; hardy, healthy, very early and productive. The most popular sour cherry. June.

May Duke—Large, dark red; rich, juicy and excellent; popular and reliable. June.

Montmorency (Large)—Large, light red; tender, sub-acid. One of the best. End of June.

(English) Morello—Large, very dark red; sub-acid, rich and good. End of July.

Vladimir—Of Russian origin. Tree is a vigorous grower, very hardy and enormously productive. Fruit is mild, sub-acid, rich, juicy. Very good. About the size of Early Richmond. Middle of July.

BARGAIN COLLECTION

Not Prepaid.

No. 19—4 Cherries: One each (Gov.) Wood, Windsor, Richmond (Early) and Montmorency for \$1.00.

Five of one variety and ten of not over three varieties at ten rates.



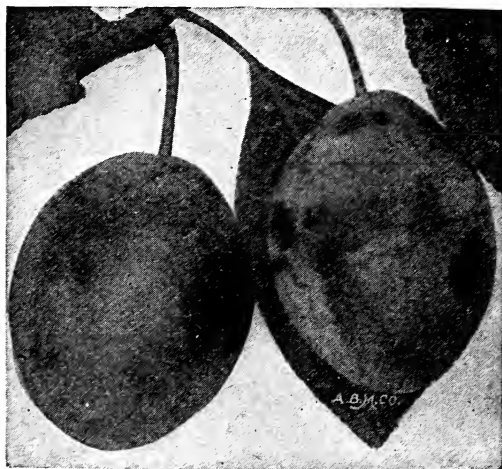
Red June.

Plums

Plums do best on a strong, rich soil, containing considerable clay, or at least a clay sub-soil. If soil is light, plant trees budded on peach roots, and deep, to avoid the borer. The most successful plum growers cultivate thoroughly, fertilize and prune annually, and are ever on the watch for the black knot, which is promptly cut off and burned. The curculio is shaken off daily into sheets and destroyed (for four weeks from the time the blossoms fall), or else the trees are treated to two or three applications of a very weak solution of Paris green by means of a force pump. The plum is particularly impatient of neglect, but is all the more liberal to the careful and painstaking cultivator. Plant fifteen feet apart each way.

Oriental Plums

Were introduced from Japan some few years ago and are remarkable for their great vigor, productiveness, early bearing, freedom from black knot, and curculio resisting ability. The plums are free from worms, although the curculio may have left his trade mark all over them. The fruit is large, sweet and of excellent flavor and aroma. Pit small, flesh thick, firm, and skin tough, making them good shippers.



German Prune.

Plum Trees on Plum Roots

	Each	10	100
5 to 7 ft., first class...	\$0.35	\$3.00	\$25.00
4 to 5 ft., medium ....	.30	2.50	20.00
6 to 8 ft., extra heavy .45	4.00	.....

New varieties: Climax, First, October Purple, Shiro and Sultan, one-fifth additional to above rates. Sugar Prune double above rates.

Abundance—Large and early; of a beautiful, bright cherry color. One of the finest and handsomest growers. Very hardy. An early and abundant bearer. Middle of August.

Burbank—A most vigorous grower and an abundant and early bearer. Fruit averages perhaps a little larger than the Abundance, and is some two weeks later; large, clear cherry red. Flesh a deep yellow, very sweet and of a fine aromatic flavor. One of the best and most profitable. Late August.

Five of one variety and ten of not over three varieties at ten rates.



Climax—Fruit similar to Wickson in color, size and shape, but ripens a month earlier. Of strong, delicious flavor and fragrance. An extremely vigorous, upright grower with very large, luxuriant leaves and very prolific. One of Burbank's best.

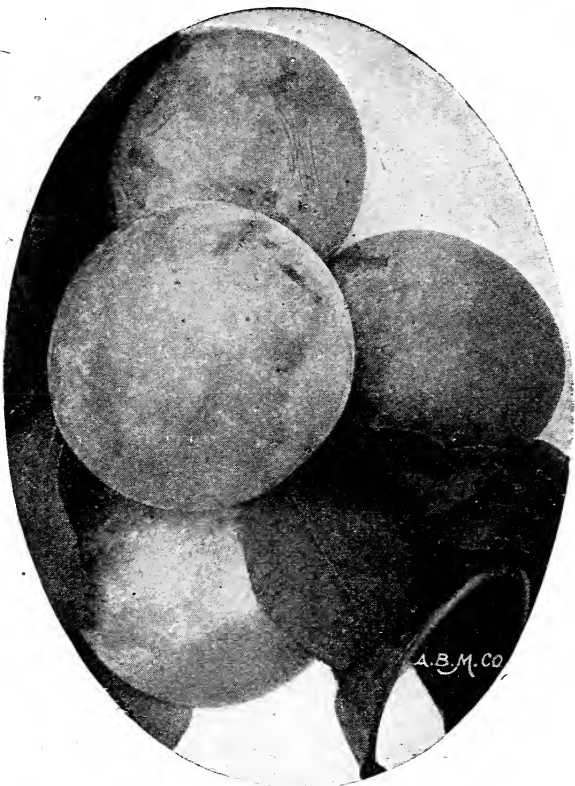
First—The earliest plum known. Large as Burbank, even more productive. Pale yellow, flushed pink, very handsome, excellent quality, but too soft for long journeys.

October (Purple)—A large, round, purple plum, especially recommended for late market. A vigorous grower and one of the hardiest. Productive and of good quality. Early October.

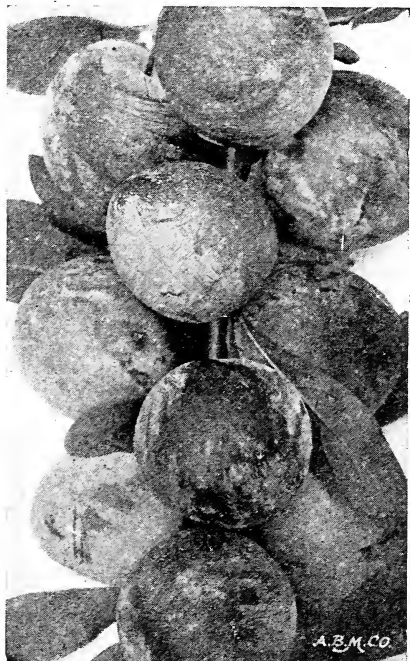
Red June—A vigorous, hardy, spreading tree and very prolific. Fruit medium to large, of a deep vermillion red and very showy. Good, pleasant quality, slightly sub-acid. Early August.

Satsuma—Hardy, vigorous and productive. Fruit large, purple, with small pit; flesh firm, juicy, dark red, quality very good. One of the very best for canning. Late August.

Shiro—A robust grower and very hardy and prolific. Fruit is medium to large, light yellow in color and almost transparent. Flesh is firm, juicy and rich. Ripens about with the Abundance.



First.



Abundance.

Sultan—Remarkable for its beauty and size, being over two inches in diameter. Both skin and flesh are of a rich dark wine color. Flavor and quality excellent, sub-acid. Keeps and carries well. Tree a robust grower and very productive. Ripens in early August.

Wickson—A sturdy, upright grower and great bearer. Fruit remarkably large and handsome; deep maroon red, covered with white bloom, stone small. Flesh fine grained, firm, sweet and delicious. An excellent keeper and shipper. Season early September.

European Plums

Bradshaw—Very large, purple, juicy, vigorous and productive. Sweet and aromatic. August.

German Prune—Medium oval; blue. Very rich and sweet; productive; popular. September.

Imperial (Gage)—Large, greenish, juicy, rich and desirable. Very vigorous and productive. August.

Italian Prune (Fellenburg)—Medium to large; oval, purple, juicy and delicious. Fine for drying. A good grower and productive. September.

Lombard—Fruit is medium, dull brick color, sweet and good. A great bearer and valuable market variety. August.

Five of one variety and ten of not over three varieties at 10 rates.



Niagara—
Equal to Bradshaw in every respect, but much more productive. August.

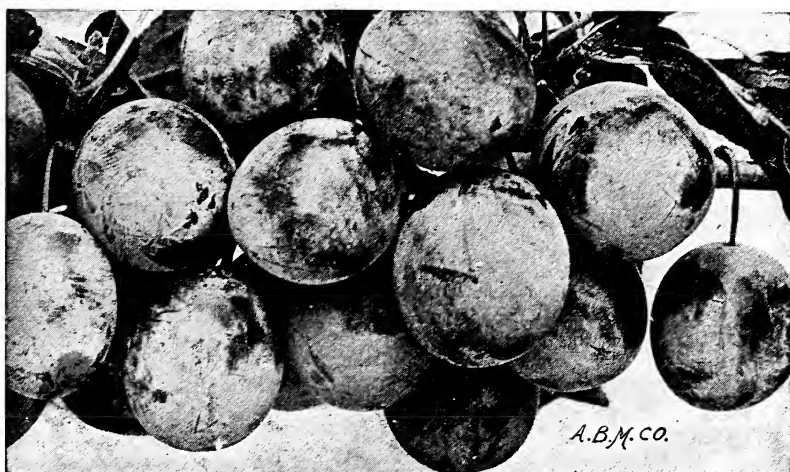
Red Egg—
Large, red, subacid; firm and prolific. September.

Reine Claude—
Very large, greenish, good; vigorous and productive. September.

Shropshire (Damson)—
Medium, dark purple. The best of the Damsons. Esteemed for preserving. Curculio proof. October.

Yellow Egg—Large, egg-shaped. Excellent for cooking. Good and productive. August.

York (State) Prune—Large, handsome, sweet and good; prolific and a regular bearer. By some called the best of all prunes.



Burbank Plum (See page 26).

Sugar Prune—Originated by Luther Burbank, who calls it the most prolific prune known. Very large, rich and sweet. Dark purple covered with white bloom. August.

American Native Plums

This class, owing to its great hardiness, is particularly useful on the Western prairies and wherever the other classes prove too tender.

Weaver—Large, purple, good quality; hardy and very prolific. August.

Wild Goose—Medium, red, juicy and sweet. July.

BARGAIN COLLECTION

Not Prepaid

No. 20—4 Plums: One each Niagara, German (Prune), Red June and Burbank for \$1.00.

All Did Extra Well.

Wright Co., Minn., March 23, 1915.

Dear Sir:—The grape vines I got from you last spring are doing fine. In fact, all the stuff you sent me did extra well.

ELLSWORTH SCRANTON.

Had a Lot of Roses.

Las Animas Co., Colo., Aug. 7th, 1915.

Dear Sir:—All roses and other shrubs ordered from you last spring are doing fine. Had a lot of roses from those bushes.

JOHN HOLMES.

Very Much Pleased.

Lorain Co., Ohio, Jan. 5, 1914.

Dear Sir—I was very much pleased with the stock I received from you last spring.

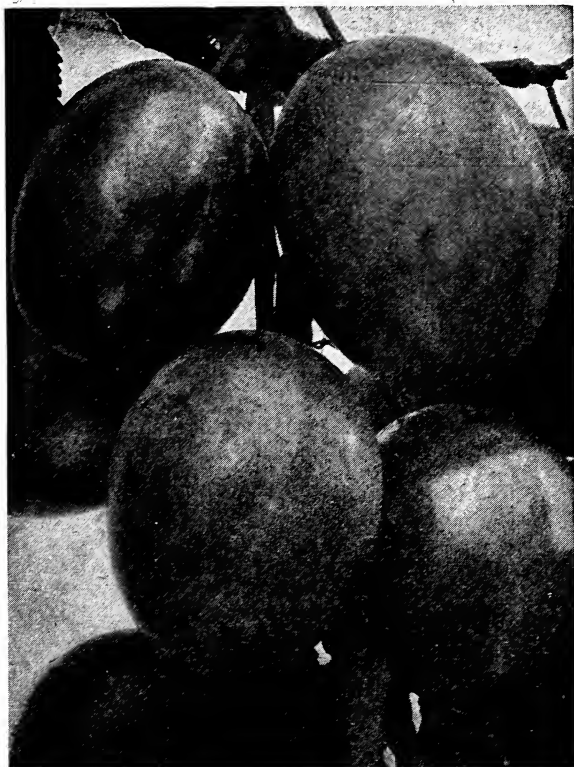
HARRY MILLER.

All Lived.

Strafford Co., N. H., Sept. 23, 1913.

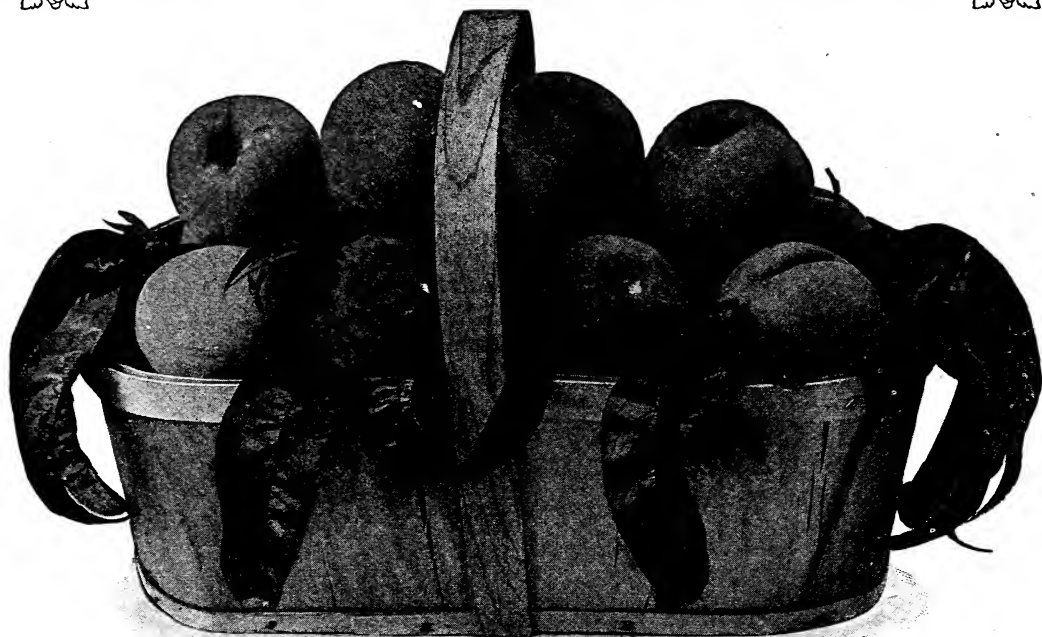
Dear Sir:—Every tree and vine I received from you last spring lived and made a fine growth. Respectfully yours,

J. V. MEADER.



Niagara.

Five of one variety and ten of not over three varieties at 10 rates.



Peaches

Peaches succeed best on warm soil. Keep ground well cultivated and fertilize mostly with wood ashes, lime etc. Barnyard and other nitrogenous fertilizers produce too rank and soft a growth, thus making them tender. Trim the new growth back annually one-third to one-half and part entirely if too dense, before sap starts in spring. Keep out the borer by wrapping the trunk with tarred paper extending some four inches under and as much above the surface of ground. Disease and early death is caused, mainly, by the borer and starvation. Plant fifteen feet apart each way. The white fleshed varieties are marked by affixing the letter "W" to name.

	Each	10	100
4 to 5 ft., first class.....	\$0.20	\$1.50	\$10.00
3 to 4 ft., medium.....	.15	1.20	8.00
5 to 7 ft., extra heavy.....	.30	2.50	

Banner, Belle of Georgia, Carman and Niagara, one-fifth additional to above rates.

(Admiral) Dewey—The earliest yellow fleshed freestone peach. Of good size and shape and of beautiful color. Tree is a good robust grower, hardy and very productive; free. August 1st.

Banner—A new iron-clad peach from Canada, often bearing well when all others fail. Good grower and bearer. Fruit large, deep yellow with crimson cheek. Flesh yellow and of superior quality. Keeps and carries as well as any. October 1st.

Belle (of Georgia), W.—Very large white with red cheek, firm and of fine quality. It is a rapid grower, very productive and a good shipper. Early September.

Beers' Smock—Large, yellow, with dull red cheek; quality second class, hardy, robust and an immense bearer. Free. October.

Carman—Large, rich, juicy and of high quality; pale yellow with deep blush; skin very tough. Free from rot and unsurpassed as a shipper. Very hardy and very profitable market variety.

Champion, W.—An early peach of iron-clad hardness. Remarkable for its size and quality, many specimens having attained to the size of ten inches in circumference. Free. August 25th.

Crawford Early—Very large, yellow and red. Best quality; very beautiful and popular; productive; free. Early Sept.

Crawford Late—Similar to Early Crawford, but later and not quite as productive. Free. Late September.

Crosby—The hardiest peach known. Tree grows low and spreading. Fruit is of medium size, bright orange yellow splashed with carmine. Very popular. Free. September 15th.

Five of one variety and ten of not over three varieties at 10 rates.



Elberta—The most popular peach grown. It is hardy, a sure bearer and very prolific. Fruit large, yellow with red cheek. Flesh yellow, firm, juicy and of high quality. A generally successful market peach North and South. Ripens soon after Early Crawford. Free.

Fitzgerald—Similar to Early Crawford in season, size, color and quality but very much harder. It will often bear when Early Crawford does not. An early bearer and reliable.

Grensboro, W.—An improvement on the Alexander with which it ripens, but it is double its size and very beautiful. Prolific and of excellent quality.

Hill's Chili—Of medium size, dull yellow. The hardiest and a great bearer. Free. End of September.

Niagara—In appearance just like Elberta and of same size. However, it is a much better peach in quality, much less subject to leaf curl and other diseases, harder and about a week later.

Old Mixon Free, W.—Large, white with red cheek; fine quality; very hardy and prolific, reliable. Middle September.

Sneed, W.—The earliest peach known. Medium, white and blush; quality excellent. Productive and profitable.

Salway—One of the best and most regular bearers. Very large, creamy yellow with crimson cheek. Flesh deep yellow, juicy, rich and sweet. Free. Early October.

Wheatland—A peach of the largest size. Golden yellow, flesh yellow, sweet, juicy, rich and perfectly free. Late September.

Wonderful—A very large peach of a rich golden yellow and carmine color; best quality; very vigorous and productive. Free. October 1st.

(Yellow) St. John—Very similar to Crawford Early, but two weeks earlier. Late August.

BARGAIN COLLECTION

Not Prepaid.

No. 21—9 Peach trees: 1 Ad. Dewey, 2 Carman, 2 Champion, 2 Elberta, 2 Salway for \$1.00.

Apricots

The Apricot is one of the most delicious of all fruits. It requires the same kind of soil and treatment as the peach. It is, however, a favorite of the curculio, which must be kept in check as recommended for plums. The Russian varieties (those marked with an "R") are much harder than the others and peaches, and often succeed where these fail. Plant fifteen feet apart each way.

4 to 5 feet, first class, each 30 cents; ten for \$2.50.

Alexander, R.—Large, oblong, yellow and red; sweet and delicious. It is an immense bearer. One of the best. July 1st.

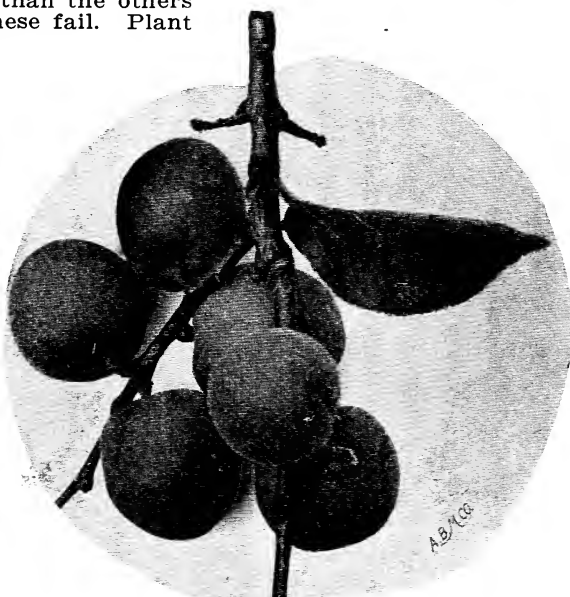
Alexis, R.—Large, yellow, with red cheek. Slightly acid, but rich. A rapid grower and free bearer. Middle July.

Gibb, R.—The earliest. Medium size, yellow; fine quality and productive. End of June.

Budd (J. L.), R.—Large, white and red; juicy, sweet and extra fine. The best late variety. Vigorous and prolific. August.

Montgamet (Large Early)—An excellent and beautiful fruit. Large and early. Deep yellow with a blush on the sunny side. Firm, of fine quality and aroma. A strong grower, hardy and productive.

Moorpark—One of the largest. Orange with red cheek. Of a rich flavor and very productive. August.



Moorpark Apricot.

Five of one variety and ten of not over three varieties at 10 rates.

Splendid Satisfaction.

Scotland Co., Md., Feb'y 16, 1914.

Dear Sir: Goods ordered from you gave splendid satisfaction, in fact, were the nicest and strongest I have yet seen.

CHAS. A. PRATHER.

Doing Wonderfully Well.

Kings Co., N. Y., Sept. 6, 1914.

I was referred to you by Dr. _____. He has some of them (overbearing Superb Strawberries), and they are doing wonderful well.

DR. A. STENGER.



Apples

Plant apple trees thirty to forty feet apart each way. Russian varieties are marked by affixing an "R" to name. Dwarf apple trees can be furnished only in such varieties as have a "D" after the name.

The apple is the first in importance of all fruits. It will thrive on nearly any well drained soil. Its period of ripening, unlike other fruits, extends nearly through the whole year. By making careful selection, a constant succession can be obtained. For family use there is no fruit that is more indispensable. No fruit is so healthful, and many physicians say that if a person would eat an apple a day they could dispense with doctor bills.

	Each	10	100
5 to 7 ft., first class...	\$0.25	\$2.00	\$15.00
4 to 5 ft., medium....	.20	1.60	12.00
6 to 8 ft., extra heavy..	.35	3.00	.....

Dwarf Apples, 35c each.

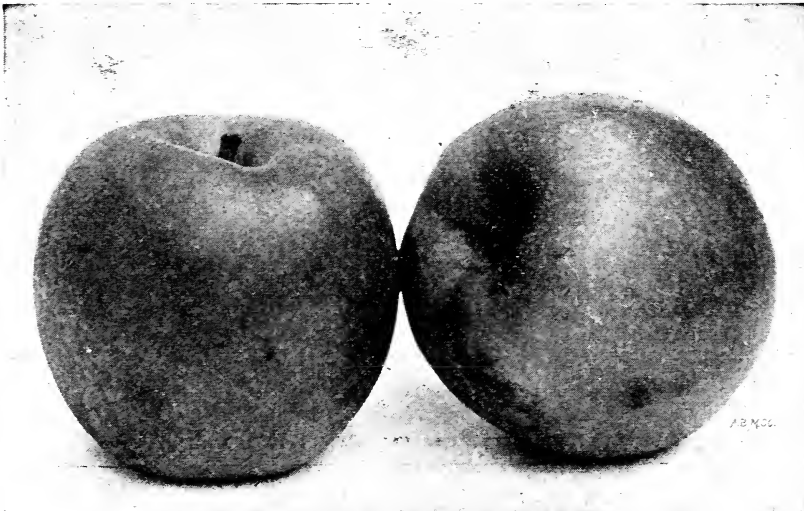
Summer Apples

Early Harvest—Medium to large, pale yellow, mild and excellent; productive. August.

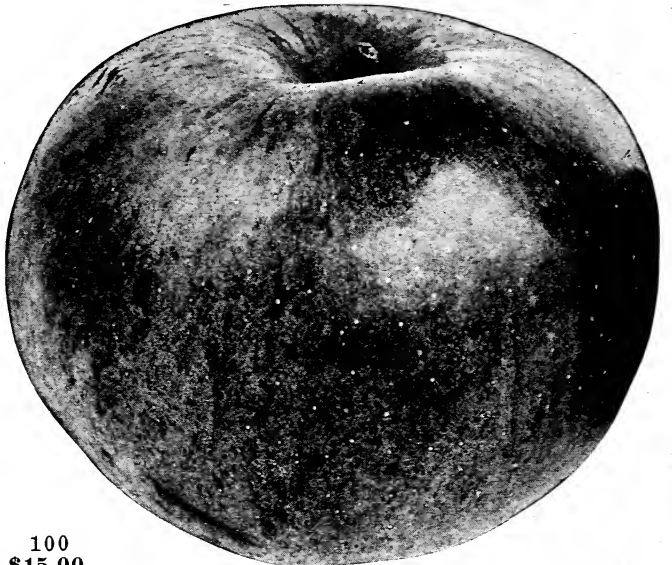
Red Astrachan, R. D.—Large and handsome, crimson, rather acid. A good grower and very hardy. August.

Sweet Bough—Large, pale yellow, sweet, tender and juicy. A moderate grower; productive; profitable. August.

Tetofsky, R.—Medium size, yellow, striped red; juicy, sprightly and very attractive. July and August.



Yellow Transparent.



Wolf River.

Yellow Transparent, R. D.—New, medium, pale yellow; tender, juicy, sprightly. A good early bearer. August.

Autumn Apples

(Duchess of) Oldenburg, R. D.—Large striped; tender, juicy, sub-acid; a good grower, regular and free bearer. September and October.

Gravenstein—Very large; striped; tender, rich, sub-acid; profitable. September and October.

Maiden Blush, D.—Large, beautiful, yellow with blush cheek; fine quality and prolific. September and October.

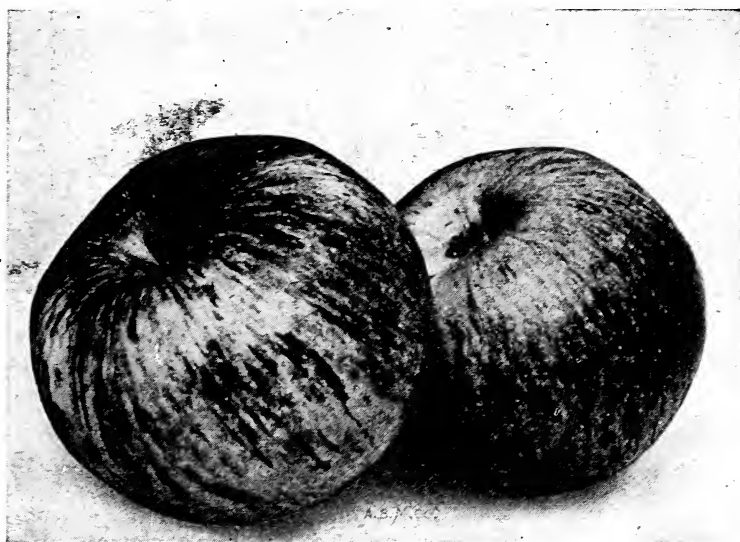
Pumpkin Sweet—A very large yellowish russet; very rich and sweet. October and November.

Wolf River, R.—Large, greenish yellow shaded with crimson; juicy, pleasant, spicy and excellent. Tree vigorous and very hardy. October and November.

Winter Apples

Baldwin, D.—Large, dark red; sub-acid, good; productive and profitable. December to March.

Five of one variety and ten of not over three varieties at ten rates.



Duchesse of Oldenburg.

Banana, D.—Resembles Maiden Blush, but larger and later; equally good. An early and abundant bearer. November to March.

Ben Davis—Large, handsome, striped; a valuable late keeper. December to March.

Bismarck—Introduced from New Zealand. Large, yellow with red cheek. Pleasant, sub-acid, tender and good. Usually bears when two years old. November.

Delicious—A new variety which has already become very popular East and West. Large, dark red and yellow, fine grained, crisp, juicy and delightfully aromatic. Best quality; also a good keeper and shipper. The tree is very vigorous, hardy and a regular bearer. A jewel.

Fameuse (Snow) — Well - known, productive; medium-size, deep crimson; flesh white. November.

Gano—New; large, deep red and very attractive. Tender, mild and sub-acid. A free grower and early bearer; prolific; good shipper and keeper. February to May.

Greening, R. I. — Large, green; tender, rich, sub-acid; productive; very popular. December to April.

Grimes (Golden), R.—Large, golden yellow; best quality; very productive, hardy and vigorous. January to April.

King of T. Co., D.—A handsome red apple of the largest size and best quality. Good grower and bearer. November to March.

McIntosh (Red), D.—Large and beautiful. Deep crimson and of the highest quality. Tree vigorous, with spreading head. Fruit above medium to large, flesh snow white, crisp and very tender. Hardy and a good regular bearer. November to January.

Northern Spy, D. —Large, striped red; quality excellent; free grower and productive. December to June.

Opalescent, D.—A remarkably handsome new apple. Light, shading to very dark crimson. Skin may be polished so as to reflect objects like a mirror.

Tender, juicy and of superb quality. Hardy, healthy and productive. December to March.

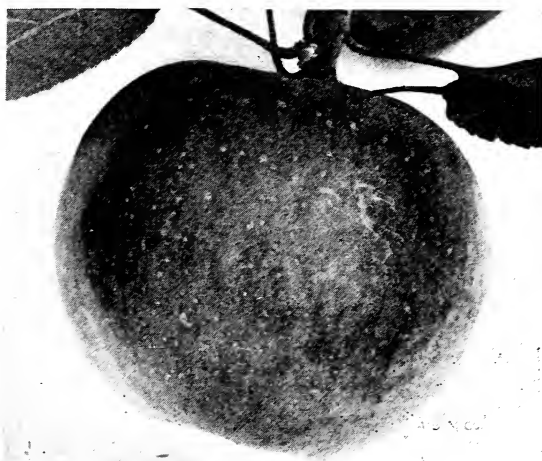
Rambo—Medium, yellow striped with red; productive. November.

Rome (Beauty)—Large, yellow shaded and striped with red; juicy, tender, sub-acid; productive. October to December.

Roxbury (Russet)—Medium to large; yellow russet; crisp and good; productive. January to June.

Stayman (Winesap)—Superior to Winesap in every way. Fruit is crisp, juicy, sprightly and aromatic, very good. Vigorous, hardy and an early and reliable annual bearer. December to April.

Talman (Sweet)—Medium, bright yellow; very sweet; productive. November to April.



Wealthy.

Five of one variety and ten of not over three varieties at 10 rates.



Transcendent Crabs.

Twenty Ounce—A very large, showy, striped apple; brisk and sub-acid; a free grower and very productive; popular. November to January.

Wagener—Medium, yellow shaded with crimson; flesh firm and of good quality. An early and abundant bearer. December to May.

Wealthy, R.—Medium to large, dark red; sub-acid; a free grower, productive, extra hardy. November to January.

Crab Apples

Hyslop—Large, deep crimson; very popular. October to January.

Transcendent—A beautiful variety of the Siberian Crab; red and yellow; very handsome; a remarkable grower and bearer. September and October.

Whitney—One of the largest; green splashed with carmine; juicy and rich; a great bearer. August and September.

Quinces

This tree succeeds best in a deep, strong alluvial soil, though some of the strong-growing varieties do well in any good soil. Cultivate, fertilize and prune freely. Plant ten to twelve feet apart each way.

	Each	10	100
3 to 4 ft., first class.....	\$0.35	\$3.00	\$25.00
2 to 3 ft., medium.....	.30	2.50	20.00

Bourgeat—A remarkably strong grower, yielding immense crops. Fruit of the largest size and great beauty. Keeps until winter.

Champion—Larger than Orange; equally as good; more vigorous and productive, but later. November 1st.

Meech—A very early and regular bearer; wonderfully productive; fruit large, handsome and of fine quality. One of the best. October.

Orange—Well known and popular; sometimes called the Apple Quince. October.

Rea—A seedling of the Orange, but averages double its size; equally as good and ripens a week earlier. It is probably the best of all.



Rea Quince.

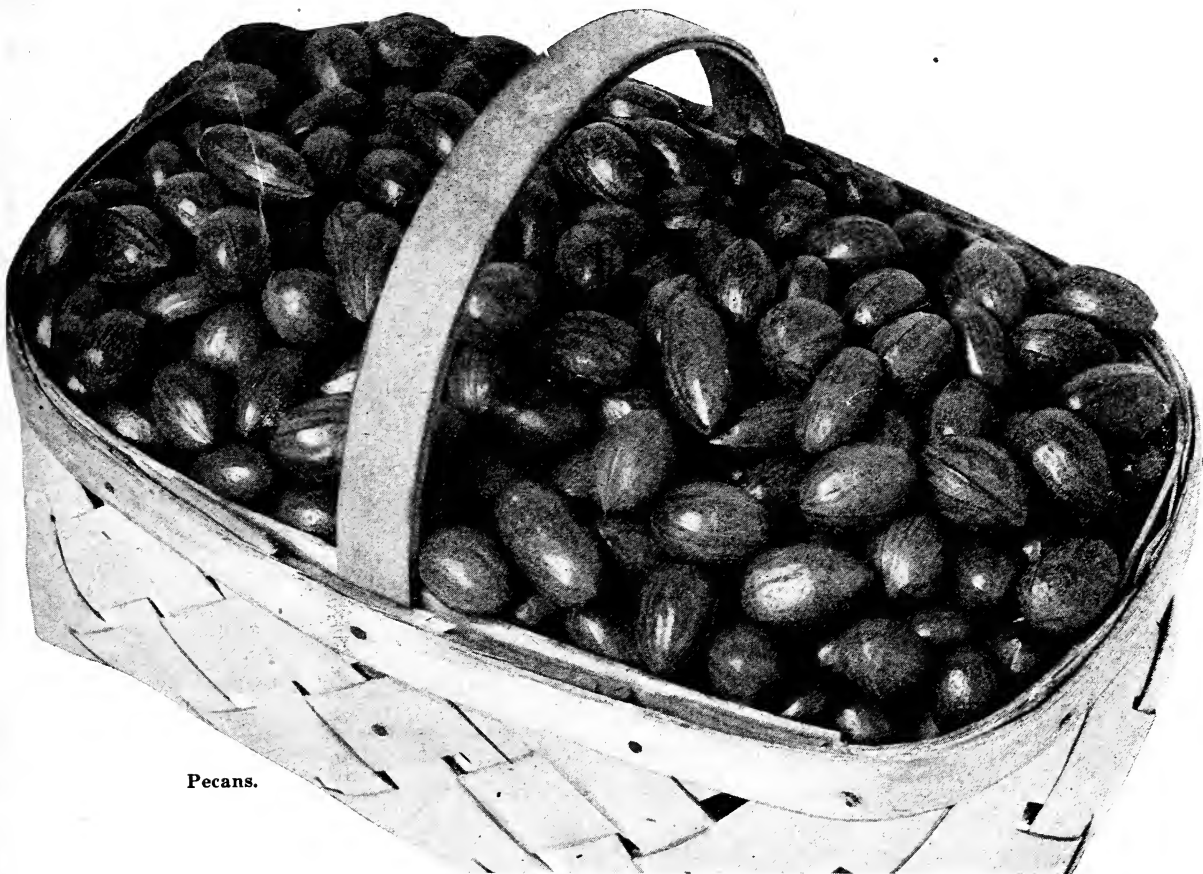
BARGAIN COLLECTION

Not Prepaid

No. 24—12 Assorted fruit trees as follows:

- 2 Dwarf Pears: Clapp's Favorite and Angouleme.
- 2 Dwarf Apples: Yellow Transparent and Northern Spy.
- 2 Cherries: Gov. Wood and Early Richmond.
- 2 Plums: Niagara and German Prune.
- 3 Peaches: Admiral Dewey, Champion and Elberta.
- 1 Quince: Rea's—all for \$2.50.

Five of one variety and ten of not over three varieties at 10 rates.



Pecans.

Nut Trees

Heretofore the culture of nuts has been entirely neglected in this country east of the Rocky Mountains, the supply coming from the forest and importations from Europe. There is, however, no reason why this country should not produce enough to largely export instead of importing them. The market for nuts is sure and profits large. Aside from the value of the nuts, the timber of some varieties, as Walnuts and Hickories, is very valuable, and becoming more so every year. "A word to the wise," etc

Almond, Hard Shell—Hardy, with large plump kernel. Very beautiful when in bloom. 3 to 4 ft., each, 30 cents; 10 for \$2.50.

Almond, Soft Shell—Not as hardy as the hard shelled; otherwise preferable. 3 to 4 ft., each, 30 cents; 10 for \$2.50.

Chestnut, American—Our native variety. Smaller than the Spanish, but sweeter. 4 to 5 ft., each, 35 cents; 10 for \$3.00; 100 for \$25.00.

Chestnut, Japan—A dwarfish tree, bearing very young. Decidedly ornamental, hardy and productive. Nuts are several times the size of the American and of excellent flavor. 3 to 4 ft., each 50 cents; 10 for \$4.50.

Chestnut, Spanish or Maroon—A hardy tree, producing nuts of very large size and good flavor. 3 to 4 ft., each, 35 cents; 10 for \$3.00.

The following two improved varieties are known to be seedlings of the Spanish or European Chestnut and are probably crosses with the native American Chestnut:

Chestnut, Numbo—Grafted. Nuts very large and of good quality. Trees hardy and

productive. Bear young, ripen early; hence very profitable. 3 to 4 ft., each, \$1.

Chestnut, Ridgley—Grafted. Tree of immense size and very productive. More than 5 bushels of nuts, which sold at \$11.00 a bushel, have been gathered from the original tree in a single season. Nuts of medium size, sweet and very good. Very valuable. 3 to 4 ft., each, \$1.00.

Filbert, English—A shrub growing 6 to 8 ft. high. Entirely hardy. Succeeds on almost any soil and bears early and abundantly. Larger and better than the native American variety. One of the most profitable and satisfactory nuts to grow. 3 to 4 ft., each, 40 cents; 10 for \$3.50.

Hickory, Shell Bark—The best flavored nut. Also a fine shade and valuable timber tree. 3 to 4 ft., each, 60 cents; 10 for \$5.00.

Pecan—The shell of this variety is much thinner than that of the Hickory, the kernel larger and equally sweet. Found native in the Southern States only, but hardy in the North also. 2 to 3 ft., each, 50 cents; 10 for \$4.50.



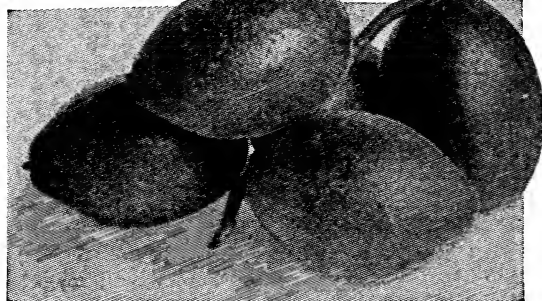
Walnut, Black—A lofty, rapid growing, native tree. Valuable both for its nuts and its timber. The latter is very durable and largely used in the manufacture of furniture and cabinet ware. 5 to 7 ft. each 40 cents; 10 for \$3.50.

Walnut, White or Butternut—A handsome native tree, valuable for shade and timber as well as its nuts. 4 to 5 feet, each 40 cents; 10 for \$3.50.

Walnut, English or Madeira—This is the large thin-shelled English Walnut of the fruit stores, of which immense quantities are annually imported. Unlike native walnuts, the nuts drop from their shucks when ripe as readily as those of the hickory. The tree is of lofty growth, very productive, but not fully hardy north of New York City. 2 to 3 ft., each 50 cents; 10 for \$4.50.

Walnut, Hardy English—This is a strain of English Walnuts, but much hardier than the above. It survived a cold snap that killed peach trees and grape vines in its vicinity. It usually begins to bear when four or five years old. It is of large size, thin-shelled and of excellent quality; in fact, equal to the best. 2 to 3 ft., each \$1.25; 10 for \$10.00. Smaller trees by mail at same price.

Walnut, Japan, Sieboldi—Perfectly hardy. One of the handsomest and most stately of ornamental trees. Leaves are immense. Bears young and abundantly. Should be more generally planted. 3 to 4 ft., each, 40 cents; 10 for \$3.50.



Sieboldiana Japanese Walnut.

Mulberries

Downing's Everbearing—Fruit large, black handsome, sweet and rich; rapid grower and productive. Also a fine shade tree. 5 to 7 ft., each, 50 cents; 10 for \$4.50.

New American—Good as Downing's Everbearing in every respect, but a much hardier tree. Fruit large, black, sweet and rich. Very vigorous and productive. Ripens from middle of June to middle of September. 5 to 7 ft., each, 50 cents; 10 for \$4.50.

Russian—A very hardy and rapid-growing timber tree. Leaves are used for feeding silk worms. Fruit sweet and good but small. 5 to 7 ft., each, 35 cents; 10 for \$3.00.

Whortle or Huckleberries

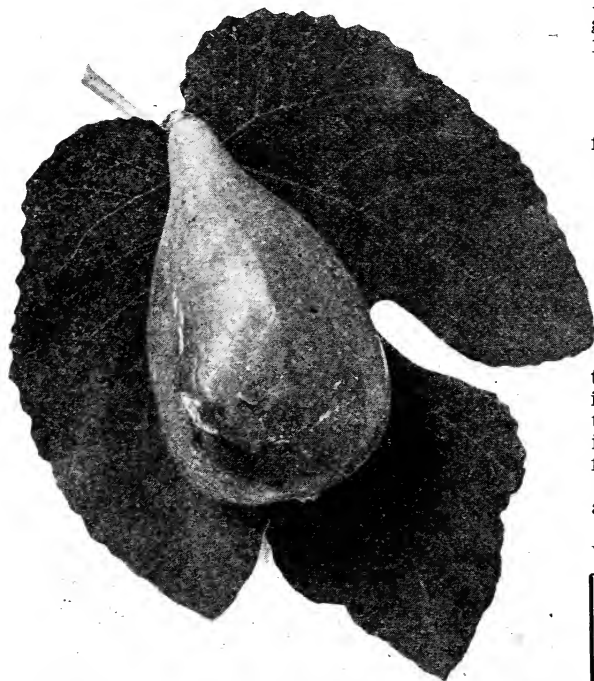
Large Blue—2-year, each 25 cents; 10 for \$2.00.

Figs

The fig requires protection over Winter in the Northern States, which may be given by bending it down and covering it with soil on the approach of severe winter; or the bush may be tied together closely, a loose-fitting box put over it and filled with sawdust; or else they may be planted in tubs and wintered in cellar. They are well worth a little trouble in the way of protection. Plant in warm, dry ground some six to ten feet apart. **Each 35 cents.**

Brown Turkey—Brownish purple, large and rich.

Celestial or Sugar—Fruit small but very sweet.



Celestial or Sugar Fig.

The Nicest I Ever Saw.

Pope Co., Ark., Mar. 10, 1915.

Dear Sir:—I have just received the Apple Trees, and must say they are the nicest I ever saw.

Yours very truly,

C. A. JONES.

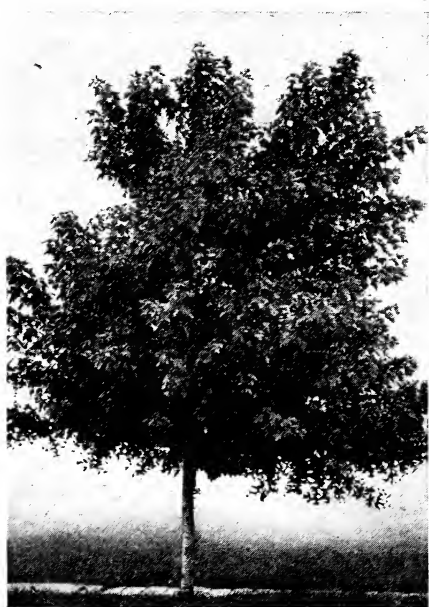
Five of one variety and ten of not over three varieties at 10 rates.



An Attractive Foundation Planting.

Ornamental Department

You have often observed, as you were passing along the street, houses whose surroundings were so neat and tasty as to attract your special attention. The grading had been well done and the grounds were covered with a closely shaven turf. The walks and drives were well located, not numerous but convenient and in easy natural curves. But best of all were the grand old shade trees—the Elms, Maples and Lindens, also the smaller flowering and weeping trees along the borders, such as Magnolias, Laburnums, Thorns, Weeping Birches, Elms, Mulberries, etc. Then there was the ornamental shrubbery in the corners and on inside curves of walks and drives, just as if they both were built around them. The evergreen hedge provided a natural border to the lawn and shut off the view from the background. You certainly remember those bright colored flowers that stood out so gaily against the dark green of this same hedge; nor do you forget the climbers on verandas—clematis, roses and wistaria. Why, those were the very first to attract your attention. To live in such a place would mean happiness, you feel, but to buy the place, you would expect to pay roundly for such improvements above the value of mere land and buildings. But consider these same grounds were once bare of all these things and that some one had the taste, foresight and ambition to plant the trees and shrubbery, and that you can do the same thing with your own home property. By doing this, and growing fruit and vegetables in the garden, the city man provides himself with all possible advantages of country life. In view of this, what shall we say of the farmer, who deprived of the advantages the city affords, neglects even to provide his family with the best part of country life, a good garden and plenty of fruit all the year around? And this is saying nothing of the grand opportunities for establishing a pleasant, refined and comfortable home and attractive surroundings, and thus adding greatly to the value of his farm.



Acer dasycarpum—Silver Maple.



Deciduous Trees

ACER - Maple

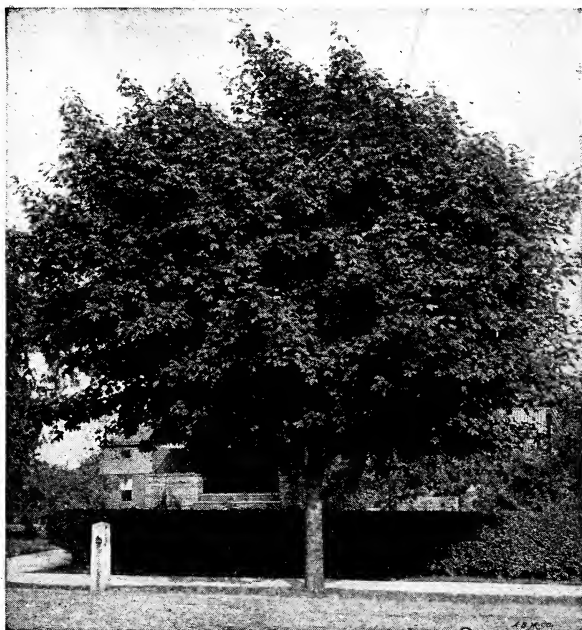
A. Dasycarpum (Silver Leaved Maple)—An excellent shade tree of rapid growth. Desirable for quick effects. It succeeds much better on cold wet clay land than Sugar or Norway Maples. Very hardy variety. 8 to 10 ft., each, 50 cents; 10 for \$4.50; 100 for \$35.00. 10 to 12 ft., each, 75 cents; 10 for \$6.50; 100 for \$55.00.

A. Dasycarpum Wierii (Wier's Cut-Leaved Silver Maple)—A silver Maple with remarkable and beautiful dissected foliage. A rapid grower, shoots slender and drooping, giving it a very graceful appearance. 8 to 10 ft., each, 75 cents; 10 for \$6.50. 10 to 12 ft., each, \$1.00; 10 for \$9.00.

A. Japonicum (Japanese Maple)—See Deciduous Shrubs.

A. Negundo (Ash Leaved Maple, or Box Elder)—A rapid growing, very hardy shade tree, with light green foliage. Succeeds where many others fail. 8 to 10 ft., each, 50 cents; 10 for \$4.00.

A. platanoides (Norway Maple)—A distinct, foreign variety with large, broad leaves of a deep, rich



Acer Platanoides—Norway Maple.

green color. The most desirable for street, park or lawn. 8 to 10 ft., each 75 cts.; 10 for \$7.00.

A. platanoides schwedlerii (Schwedler's Purple Maple)—A purple leaved variety of the Norway Maple. The young shoots and leaves are of a bright crimson color, changing to a purplish green in the older leaves. Very valuable. 6 to 8 ft., each, \$1.00.

A. saccharinum (Sugar or Rock Maple)—A well known native tree, having a very symmetrical, dense head. One of the best shade trees for street and park. This variety is also valuable for sugar making and timber. 8 to 10 ft., each, 75 cents; 10 for \$7.00.

ALNUS glutinosa imperialis (Imperial Cut-Leaved Alder)—A very striking and beautiful tree with large and deeply cut foliage. Very hardy and vigorous. Elegant. 5 to 6 ft., each \$1.00.

AESCULUS - Horse Chestnut

A. hippocastanum (White-flowering Horse Chestnut)—This is a well known tree of symmetrical form, dense habit, dark green foliage, producing large spikes of white flowers abundantly early in spring. 4 to 5 ft., each, 40 cents.

A. rubicunda (Red-flowering Horse Chestnut)—Very showy, blooms later than the white variety and does not grow quite so fast. Flowers a showy red. The two varieties make a very effective contrast when planted together. 4 to 5 ft., each \$1.25.



Aesculus Hippocastanum—Horse Chestnut.

Five of one variety and ten of not over three varieties at ten rates.



CATALPA - The Catalpas

C. Bungei (Umbrella Catalpa)—Grafted on stems 6 to 8 feet high, it makes a symmetrical umbrella-shaped head without pruning. The leaves are large, heart-shaped, glossy, and grow so thick together as to look like shingles on a roof. Hardy and succeeds everywhere. Very unique and desirable. 6 to 8 ft., each \$1.00.

C. Speciosa—A rapid growing park, street and forest tree. Bears large, luxuriant heart-shaped foliage and clusters of flowers similar to the horse chestnut but larger. Ornamental as well as useful. Very hardy. 6 to 8 ft., each 35 cents; 10 for \$3.00. 8 to 10 feet, each 50 cents; 10 for \$4.50.

C. Tea's Japan—An exceedingly rapid grower with large luxuriant foliage and spikes of large, handsome white flowers, similar to the Horse Chestnut. Fragrant, entirely hardy. 6 to 8 ft., each 50 cents; 10 for \$4.50.

CERCIS Canadensis (Judas Tree or Red Bud)—A very ornamental native tree of medium size. Beautiful in foliage and flower. The latter are small, delicate, reddish purple and appear in great abundance before the foliage. 4 to 5 ft., each 75 cents.

CORNUS - The Dogwoods

C. Florida (White Flowering)—A small, native tree producing pure white flowers, 3 to 3½ inches in diameter, early in spring before the leaves begin to appear. Very showy. 4 to 5 ft., each 80 cents; 10 for \$7.00.

C. florida rubra (Red Flowering)—Similar to the above, except that the flowers are a deep rosy pink color. 3 to 4 ft., each \$1.25.

CRATAEGUS - The Hawthorns

C. monogyna Pauli (Paul's Double Scarlet Thorn)—The most showy variety of the double flowering thorns. A small tree or large shrub with spreading branches. Flowers bright scarlet, large, full, very double. 3 to 4 ft., each 60 cents; 10 for \$5.00.

C. monogyna alba plena (Double White Hawthorn)—A shrub or small tree with spreading branches and beautiful double white flowers disposed in branched corymbs. A most beautiful thorn. 3 to 4 ft., each 60 cents; 10 for \$5.00.

EUONYMUS (The Strawberry Tree)—A small tree of very great beauty, bearing a dense mass of brilliant rose-colored berries which last into mid-winter. Entirely hardy. 4 to 5 feet, each 40 cents.



Catalpa Bungei.

FAGUS purpurea Riversii (Rivers' Purple Leaved Beech)—Very handsome. Foliage crimson in early spring, which changes to a rich, dark purple later in the season. For grouping on the lawn with other foliage it cannot be surpassed, but is equally as desirable as a single specimen. 3 to 4 feet, each \$1.25.

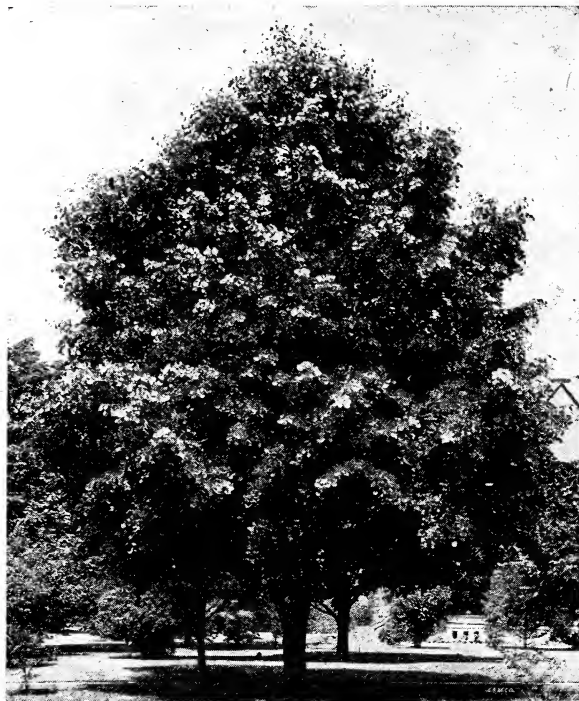
GINKGO biloba (Maiden-Hair Tree or Salisburia)—A singular, cone-bearing deciduous tree with peculiar leaves. Beautiful. Very effective for lawns; foliage fern-like, yellowish-green. 5 to 7 ft., each 75 cents.

KOELREUTERIA paniculata (The Varnish Tree)—A small, round-headed, hardy tree, bearing large clusters of beautiful golden yellow flowers about August 1st. Very showy. Leaves change in the fall to a fine yellow. Grows 25 to 30 feet high. 4 to 5 ft., each 50 cents.

LABURNUM alpinum (Scotch Laburnum or Golden Chain)—A small tree with smooth, shining leaves and long drooping racemes of showy yellow flowers. Very ornamental. 3 to 4 ft., each 60 cts.

LIRIODENDRON tulipifera (Tulip Tree)—This is one of the grandest of our native trees, with large glossy leaves of peculiar shape and beautiful tulip-like flowers. A large tree in full bloom is a magnificent sight. 6 to 8 ft., each 50 cents; 10 for \$4.50.

Five of one variety and ten of not over three varieties at ten rates.



Tilia Americana—American Linden.

MAGNOLIA - The Magnolias

M. acuminata (Cucumber Tree)—A beautiful native tree with rich, large leaves and fragrant flowers. 5 to 7 ft., each 60 cents.

M. Soulangeana (Soulange's Magnolia)—The hardiest of the Chinese dwarfs. Flowers are cup-shaped, 4 to 5 inches in diameter, white and purple. They appear before the leaves. 2 to 3 ft., each \$1.00.

MORUS globosa Meehanii (Meehan's Globe Shaped Mulberry)—Produces a globe shaped head like the Catalpa Bungei, and is fully as desirable. Very hardy, robust and free from disease and insect enemies. 5 to 6 ft., \$2.00.

PAULOWNIA imperialis (Empress Tree)—A tropical looking tree from Japan of extremely rapid growth, with leaves from 12 to 14 inches across. Its trumpet-shaped flowers appear in May. Quite hardy. 4 to 6 ft., each 85 cents.

PLATANUS orientalis (European Plane Tree or Sycamore)—A large and elegant street or park tree, bearing luxuriant leaves of the shape of those of the grape. Bark very light green, trunk mottled. Free from insect enemies and disease. Stands coal smoke as well as any tree. 8 to 10 ft., each 75 cents; 10 for \$6.50.

POPULUS - The Poplars

P. balsamifera (Balm of Gilead)—A rapid growing poplar of spreading habit, bearing aromatic buds of medicinal virtue. 5 to 7 feet, each 50 cents.

Five of one variety and ten of not over three varieties at ten rates.

P. monilifera (Carolina Poplar)—Of rapid growth and pyramidal form, with large, glossy leaves. One of the most popular shade trees. 8 to 10 ft., each 40 cents; 10 for \$3.50; 100 for \$30.00. 10 to 12 ft., each 50 cents; 10 for \$4.50; 100 for \$40.00.

P. nigra fastigiata (Lombardy Poplar)—Well known and remarkable for its erect, spire-like form. 8 to 10 ft., each 40 cents; 10 for \$3.50. 10 to 12 ft., each 50 cents; 10 for \$4.50.

PYRUS angustifolia (Bechtel's Double Flowering Crab)—The tree is of medium size, covered in May with a mass of large, double, fragrant flowers of a delicate pink. Very beautiful and popular. 3 to 4 ft., each 50 cents; 10 for \$4.50.

SORBUS aucuparia (European Mountain Ash, or Rowan Tree)—A fine hardy tree; the head is dense and regular, covered in June with a mass of white flowers, later with yellow berries, which turn into bright scarlet and last long into winter. Very beautiful. 6 to 8 ft., each 50 cents; 10 for \$4.00.

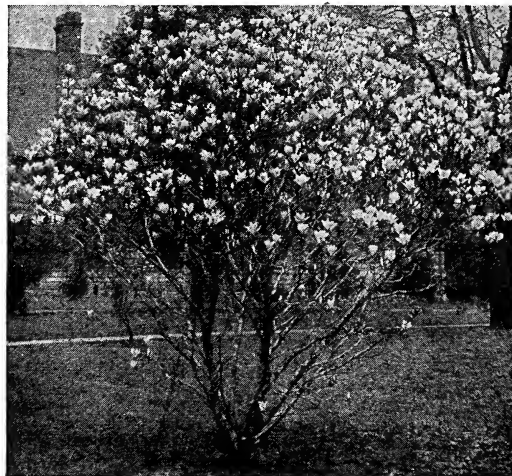
TILIA - The Lindens

T. Americana (American Linden, or Basswood)—A rapid growing, beautiful native tree, with large leaves and fragrant flowers, rich in honey. 6 to 8 ft., each 75 cts.

T. Europaea (European Linden or Lime Tree)—A large, upright, pyramidal-shaped tree. Excellent for street and park. 6 to 8 ft., each 60 cents.

T. tomentosa (White or Silver Linden)—Handsome, vigorous tree with large leaves, whitish on under side. Beautiful when stirred by the wind. One of the best. 6 to 8 ft., each 75 cents.

ULMUS Americana (American Elm)—The noble, drooping and spreading tree of our forests. One of the grandest park or street trees. 8 to 10 ft., each 60 cents; 10 for \$5.00.



Magnolia Soulangeana.



Weeping Deciduous Trees

Betula var. pendula laciniata (Cut-Leaved Weeping Birch)—Deservedly one of the most popular of all weeping trees. A strong, upright grower with graceful drooping branches. Silvery white bark and delicately cut foliage. 5 to 6 ft., each 60 cents; 6 to 8 ft., each 75 cents.

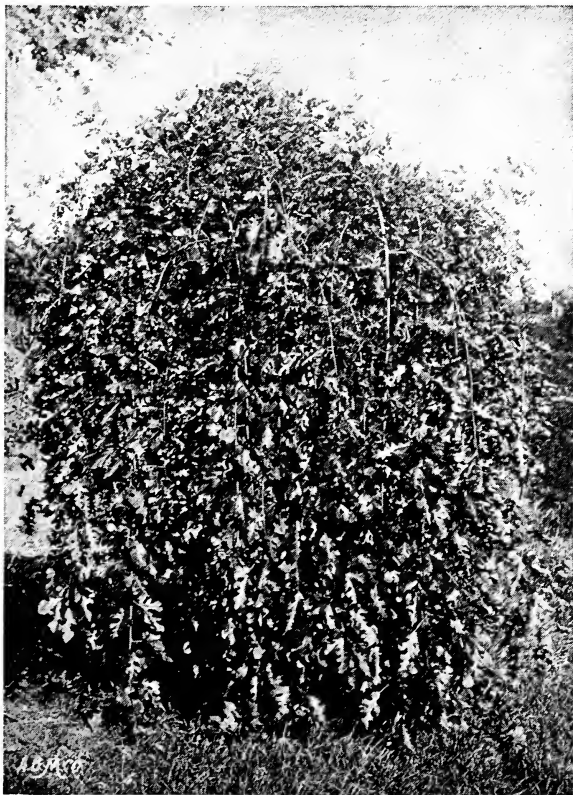
Cerasus var. rosea pendula (Japan Weeping Cherry)—One of the finest lawn trees. Very graceful and attractive at all times and exceedingly gay when in bloom. Should be in every yard. 4 to 6 ft., each, \$1.00.

Fagus sylvatica pendula (Weeping Beech)—A remarkably peculiar vigorous growing tree. Rather awkward when denuded, but of wonderful grace and beauty when covered with its rich and luxuriant foliage. 3 to 4 ft., each, \$1.25.

Morus alba pendula (Tea's Weeping Mulberry)—A graceful, beautiful weeping tree, forming a perfect umbrella-shaped head, with long, slender, willowy branches, drooping to the ground, gracefully swaying in the wind. Foliage lobed, and of



Salix Babylonica dolorosa—Wisconsin Weeping Willow.



Morus Alba Pendula—Weeping Mulberry.

a delightful fresh glossy green. A rapid grower and exceedingly hardy. Each, 80 cents.

Pyrus sorbus var. pendula (European Weeping Mountain Ash)—A rather awkward looking tree when denuded, but highly ornamental when clothed in its graceful foliage and clusters of bright red berries. Each \$1.00.

Salix Babylonica dolorosa (Wisconsin Weeping Willow)—Very much like the Babylonian Willow, but hardier. 6 to 8 ft., each 50 cents.

Ulmus scabra pendula (Camperdown Weeping Elm)—A vigorous weeping tree, sufficient in itself to make a good sized arbor. Very rapid grower. Leaves are large, dark green and glossy, and cover the tree with a dense mass of verdure. Each \$1.00.

Take Pleasure in Recommending You.

Chenango, N. Y., May 21, 1913.

Dear Sirs:—Received the nursery stock in fine shape and am very much pleased with it. I planted it according to instructions the same day it came. I will take pleasure in recommending you. Yours truly,

DR. SWITZER.



Deciduous Shrubs

ACER JAPONICUM - Japanese Maple

The Japan Maple is of very slow dwarfish growth. It takes many years to reach even 8 feet. But it is exceedingly beautiful, graceful and interesting. We offer five varieties, golden leaved, green leaved, purple leaved, purple cut-leaved and green cut-leaved. 18 to 24 inches, each \$2.00.

AZALEA - The Deciduous Azaleas

Are among the very finest of hardy shrubs. They bloom profusely in May and June, in all shades of lemon, orange, salmon and red. Our plants are well provided with flower buds, and a ball of earth on their roots, so that they are sure to grow and bloom the first spring. By express or freight only.

A. mollis (Japanese Azalea) — A very fine hardy species from Japan, yielding a mass of fine large flowers. Mixed colors. 12 to 15 inches, each 60 cents.

A. ponticum (Ghent Azaleas) — Equally as gay and floriferous as the above, and in addition are delightfully fragrant. Separate colors. 12 to 15 inches, each 75 cents.

BERBERIS - Deciduous Barberries

B. vulgaris (Common European Barberry) — A spiny shrub, blooming in May and June, which has drooping racemes of yellow flowers, followed by bright orange-scarlet berries. 1½ to 2 ft., each 20 cents; 10 for \$1.50.

B. vulgaris atropurpurea (Purple Leaved Barberry) — Same as the above except in foliage, which is a rich violet-purple all summer. 18 to 24 inches, each 20 cents; 10 for \$1.50.

B. Thunbergii (Thunberg's Barberry) — A pretty plant of dwarf habit from Japan. Very graceful and its foliage turns to a beautiful red in the fall. All Barberries make very fine hedges. 4 feet. 18 to 24 inches, each 20 cents; 10 for \$1.60; 100 for \$12.00.

BUDDLEIA Magnifica (Butterfly Shrub or Summer Lilac) — Bears large spikes of flowers similar to Lilacs, in great abundance all summer. Occasionally it dies to the ground over winter but springs up again in the spring with increased vigor and gets to blooming by July. 3 to 4 ft., 40c; \$3.50 per 10.

CALYCANTHUS floridus (Carolina Allspice or Sweet Shrub) — An interesting shrub having rare and peculiar fragrance of wood and flowers. It blooms abundantly in June and at intervals through the summer. 2 to 3 ft., each, 25 cents.

CHIONANTHUS Virginica (White Fringe) — A small, native tree having large, glossy leaves. It produces clusters of long pure white flowers in May and



Acer Japonicum—Japanese Maple.

June that droop down and appear like fringe. 2 to 3 ft., each 40 cents; 10 for \$3.50.

CORNUS - The Dogwoods

C. elegantissima var. (Variegated Dogwood) — One of the handsomest variegated leaved shrubs. Bark brilliant red, leaves green, broadly margined with white. 2 to 3 feet, each, 50 cents.

C. Sanguinea (European Red Osier) — A shrub with blood-red bark and clusters of fine white flowers. 2 to 3 feet, each 25 cents; 10 for \$2.00.

CORYLUS maxima purpurea (Purple Leaved Filbert) — Leaves large and dark purple. Very distinct and conspicuous. 1½ to 2 feet, each 50 cents, 10 for \$4.00.

CYDONIA Japonica (Japanese Quince) — Bears a profusion of bright scarlet crimson flowers before the leaves appear. Makes a lovely hedge and can be trimmed to any shape desired. 6 feet. May. 18 to 24 inches, each 20 cents; 10 for \$1.50; 100 for \$12.00.

DEUTZIA - The Deutzias

A beautiful class of plants from Japan noted for their hardiness, vigor and profusion of bloom.

D. crenata alba fl. pl. (Double White Deutzia) — A shrub bearing luxuriant foliage and a profusion of double white flowers on long racemes. 6 to 8 feet. June. 3 to 4 feet, each 25 cents; 10 for \$2.00.

D. gracilis (Slender Deutzia) — A charming dwarf variety. Yields a mass of pure white flowers about Decoration Day. 2 feet. 12 to 15 inches, each 25 cents; 10 for \$2.00.

D. Pride of Rochester (Large Flowered Deutzia) — Double white, back of petals tinged with rose. Excels other varieties in size of flower and length of panicle. 2 to 3 feet. each 25 cents; 10 for \$2.00.

Five of one variety and ten of not over three varieties at ten rates.



DIERVILLA - Weigela

Very prolific and gay, producing masses of trumpet-shaped flowers in June. Very effective.

D. candida—Flowers are pure white, and are produced in great profusion in June; also more or less all summer. 2 to 3 feet, each 25 cents; 10 for \$2.00.

D. Eva Rathke—Flowers brilliant crimson. Very fine. Blooms all summer. 2 to 3 feet, each 25 cents; 10 for \$2.00.

D. rosea—Fine rose colored flowers. Elegant. 2 to 3 feet, each 25 cents; 10 for \$2.00.

D. sieboldi alba marginata—When the leaves are young the variegation is yellow, as they become mature they turn to a silvery white. Flowers rose colored. 2 to 3 feet, each 30 cents; 10 for \$2.50.

ELEAGNUS longipes (Oleaster. The "Goumi" of Japan)—A handsome silvery-leaved shrub bearing bright yellow flowers and orange-red edible berries, about ½ inch long, that make a delicious sauce. Showy and useful. 2 to 3 feet, each 25 cents; 10 for \$2.00.

EXOCHORDA grandiflora (Pearl Bush)—A fine shrub producing large, pure white flowers in May. 10 feet. 2 to 3 feet, each 25 cents; 10 for \$2.00.



Forsythia—Golden Bell.



Flowers of Hypericum Moserianum.

FORSYTHIA suspensa Fortunei (Fortune's Golden Bell)—A hardy shrub, blooming early in spring before the leaves appear. The branches are arching, bearing dark lustrous green leaves. Flowers golden yellow, often with twisted petals. One of the best of the early flowering shrubs. 2 to 3 feet, each 25 cents; 10 for \$2.00.

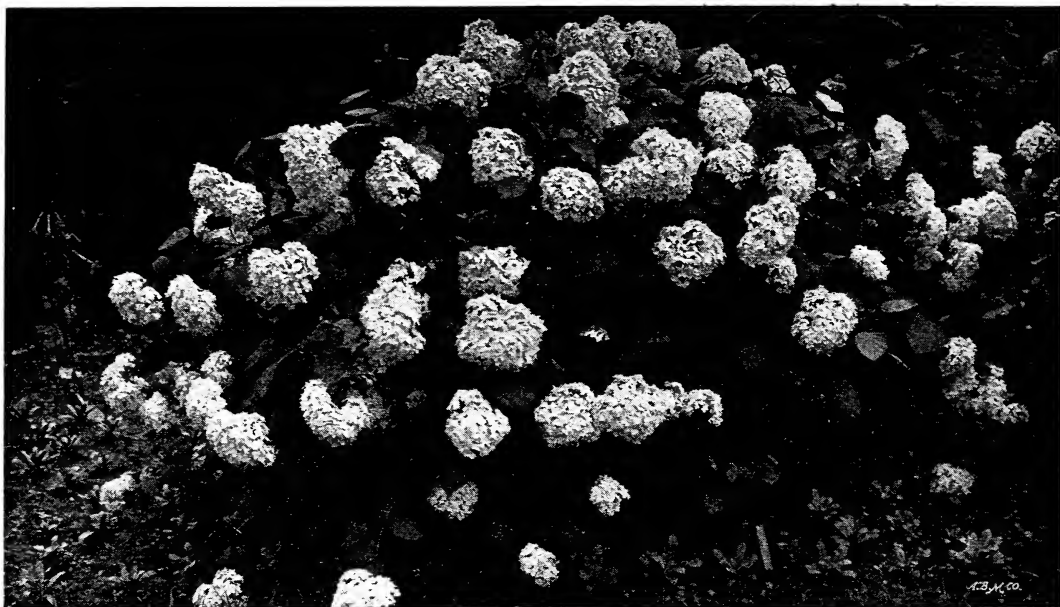
HIBISCUS - Althea or Rose of Sharon

This beautiful shrub flowers late in the summer when most others are out of bloom. It bears large double flowers similar to the hollyhock, very abundantly on strong, erect branches. Of easiest cultivation. We have them in white, red, pink, purple and striped; all double. Also single white and single blue. 2 to 3 feet, each 25 cents; 10 for \$2.00; 100 for \$15.00.

H. variegatus—Leaves bright green, broadly margined with light yellow; very showy. 15 to 20 inches, each 30 cents; 10 for \$2.50.

H. meehanii var.—This new variety far surpasses the one above named, inasmuch as the large single purplish red flowers open fully, while in the other they do not open at all. The red flowers also make a strong and pleasing contrast to the yellow and green foliage. 18 to 24 inches, each 50 cents.

HYPERICUM moserianum (St. John's Wort)—A small shrub bearing large yellow flowers in great abundance during most of the summer. Very fine. Each, 25 cents; 10 for \$2.00.



Hydrangea Arborescens Grandiflora Alba.

HYDRANGEA

H. arborescens grandiflora (Hills of Snow)—New. Blooms most abundantly from June to September. Flowers are pure snow white, and its panicles, which are flat, often measure 12 inches across. Moreover it is perfectly hardy and of the easiest culture. 6 feet. 2 to 3 feet, each 50 cents; 10 for \$4.00. 8 to 12 inches, each 25 cents; 10 for \$2.00.

H. paniculata grandiflora (Large Flowered Hydrangea)—One of the most popular of hardy shrubs. It has large, rich, abundant foliage and immense pyramidal-shaped panicles of white flowers in August which continue until frost. Fertilize well and prune severely. 18 to 24 inches, each 25 cents; 10 for \$2.00; 100 for \$15.00. 2 to 3 feet, each 35 cents; 10 for \$3.00. 3 to 4 feet, each 50 cents; 10 for \$4.00. Tree form, 3 to 4 ft., each 60 cents.

KERRIA Japonica (Japanese Rose)—A slender, green shrub with double yellow flowers from July to October. 5 feet. 2 to 3 feet, each 30 cents.

LONICERA - Honeysuckle

L. fragrantissima (Fragrant Upright Honeysuckle)—The upright growing honeysuckles are valued for their bright and fragrant flowers and showy berries. Also very fine for hedges. Very hardy. 2 to 3 feet, each 25 cents.

L. tatarica (Tartarian Honeysuckle)—Bears pink flowers in great abundance. 2 to 3 feet, each 25 cents; 10 for \$2.00; 100 for \$15.

L. Morrowi—A species from Japan. It is a strong, upright grower. Creamy white flowers followed by deep red berries which ornament the bush until autumn. 2 to 3 feet, each, 25 cents; 10 for \$2.00; 100 for \$15.00.



Lonicera Morrowi—Bush Honeysuckle.

Five of one variety and ten of not over three varieties at ten rates.



LIGUSTRUM - Deciduous Privet

L. ovalifolium (California Privet)—This is a very vigorous and beautiful variety and has become the most popular ornamental hedge plant. It is, however, equally useful for specimens on the lawn. Can be sheared to any extent and shape desired.

	Each	10	100
18 to 24 in.	\$0.10	\$0.80	\$3.00
2 to 3 ft...	.15	1.25	4.00
3 to 4 ft...	.20	1.70	5.00

L. Amurense (Chinese Privet)—The hardiest of the privets. Also prized for its large, white, fragrant flowers, produced in great abundance.

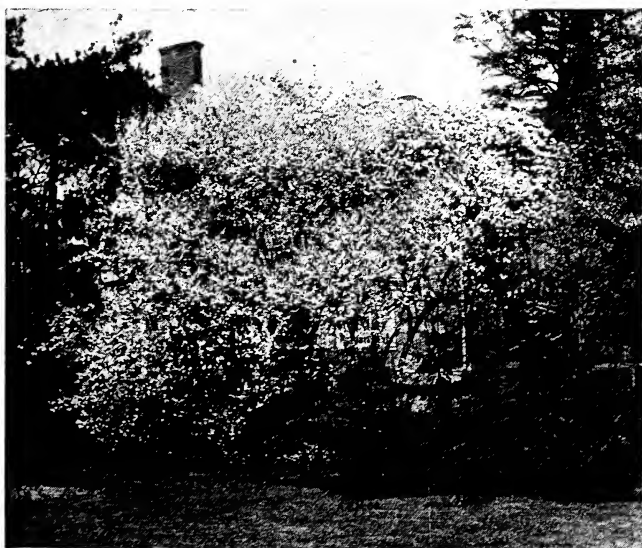
	Each	10	100
18 to 24 in.	\$0.15	\$1.25	\$4.50
2 to 3 ft...	.20	1.75	6.00
3 to 4 ft...	.25	2.00	8.00

PAEONY TREE—A woody shrub, bearing immense double flowers 8 to 10 inches in diameter in June. Color white, shaded purple. 4 feet. 1 year, each 75 cents; 2 year, each \$1.00.

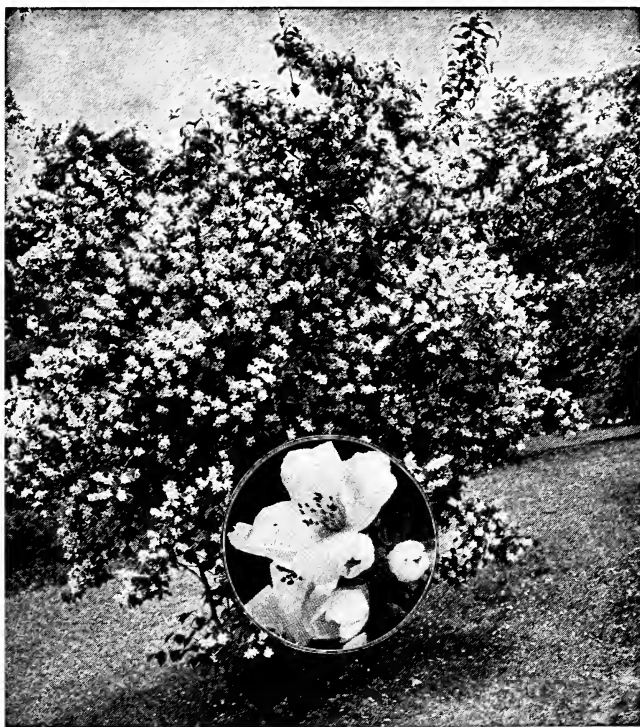
PHILADELPHUS - Mock Orange

P. grandiflora (Large-flowered Mock Orange)—One of the most vigorous, having large, snow-white fragrant flowers. 3 to 4 feet, each 25 cents; 10 for \$2.00.

P. coronarius flore plena (Double Flowered)—A double and very fragrant variety. 2 to 3 feet, each 25 cents; 10 for \$2.00.



Prunus Pissardi—Purple-leaved Plum.



Philadelphus, or Mock Orange.

P. aureus (Golden Leaved) — Dwarf and very compact. Foliage is dense and of golden yellow throughout the season. Hardy and useful for grouping with other foliage shrubs. 2 to 3 feet, each 35 cents; 10 for \$3.00.

P. Purple Spotted—New. The flowers are large, flat, pure white with a large, rosy purple spot in the center. Very showy. 3 feet. June. 18 to 24 inches, each 35 cents.

PRUNUS

P. pissardi (Purple Leaved Plum)—The foliage is of a bright purplish red, remaining so all through the season. Entirely hardy. One of the most valuable hardy foliage shrubs on the list. 4 to 5 feet, each 30 cents; 10 for \$2.50.

P. triloba (Double Flowering Plum)—Blossoms much like flowering Almond, but earlier and larger, of a delicate pink color. Hardy and exceedingly handsome. 2 to 3 feet, each 35 cents.

P. Japonica (Dwarf or Flowering Almond)—A beautiful small shrub blooming in May. The branches are literally covered with flowers the size and shape of daisies, double white and double pink in color. 2 to 3 feet, each 35 cents; 10 for \$3.00.

Five of one variety and ten of not over three varieties at ten rates.



RHUS cotinus (Smoke Tree)—A shrub or small tree of spreading habit, covered in mid-summer with a profusion of dusky hair-like flowers that give the appearance of mist or smoke. Strikingly peculiar and beautiful. Requires plenty of room to grow to best advantage. 3 to 4 feet, each 30 cents; 10 for \$2.50.

SAMBUCUS - Elder

S. nigra aurea (Golden Elder)—Very handsome, with golden-yellow foliage. Elegant either in a mass by themselves or with other shrubs having foliage of contrasting colors. 2 to 3 feet, each 25 cents; 10 for \$2.00.

S. acutiloba (Cut Leaved Elder)—Its foliage is finely split up like the fingers of the hand. Very fine and interesting. Besides it bears great clusters of fragrant flowers, with an abundance of useful berries. 3 to 4 feet, 25 cents; 10 for \$2.00.

S. Variegatus (Variegated-leaved Elder)—Similar to Golden Elder except that the green leaves are variegated with white and yellow. Quite pretty and interesting. 3 to 4 feet, each 25 cents; 10 for \$2.00.



Rhus—Smoke Tree.

SYRINGA - Lilac

The Lilac is a well known very hardy shrub of easiest culture. The flowers grow in large panicles and are both gay and deliciously fragrant. The Lilac appears to best advantage when massed in groups. They are easily transplanted in either fall or spring. Moderately rich, moist soil suits them best. The dead flowers should be removed when the blooming season is over, as they give an untidy appearance; should not be pruned in winter or spring, as it destroys the flowers. We have the common purple, common white, Persian Purple and Persian White, also ten distinct new varieties. Half of them double. **Common White and Purple**, 2 to 3 feet, each 25 cents; 10 for \$2.00. **Persian White and Purple**, 2 to 3 feet, each 35 cents; 10 for \$3.00. **New varieties**, 2 to 3 feet, each 50 cents.

SPIRAEA - The Spireas

Comprise a large family of low shrubs, very hardy and of easiest culture. Very satisfactory ornamental shrubs.

S. Anthony Waterer—Has large heads of dark crimson flowers,



Persian White Lilac.

Five of one variety and ten of not over three varieties at ten rates.

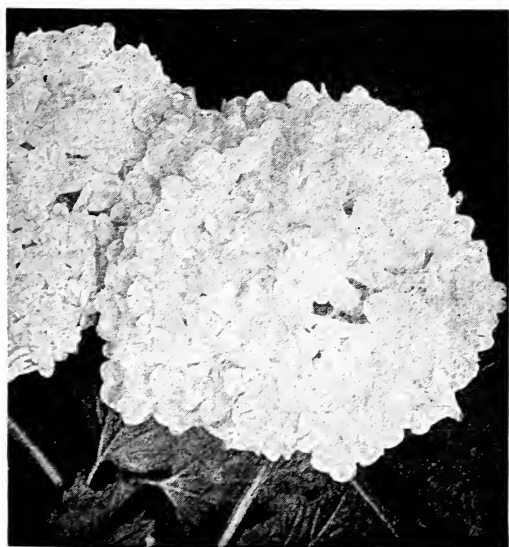


A Block of Spirea Van Houttei and Hqdrangea P. G. Plants in the West Hill Nurseries.

blooming all summer. 2 feet. 12 to 15 inches, each 25 cents; 10 for \$2.00.

S. callosa alba—A white flowering variety of dwarf, bushy, symmetrical form. Blooms all summer. 2 feet. 12 to 15 inches, each 25 cents; 10 for \$2.00.

S. opulifolia aurea (Golden Leaved)—Golden yellow foliage and double pure white flowers in June. A beautiful variety of Spiraea. 2 to 3 feet. each 30 cents; 10 for \$2.50.



Viburnum Plicatum (Japanese Snowball).

S. Prunifolia fl. pl. (Bridal Wreath)—Bears pure white double daisy-like flowers in great masses in May and June. 6 feet. 2 to 3 ft., each 35 cts., 10 for \$3.00.

S. Van Houttei (Van Houtte's)—This variety is not only the finest Spiraea, but it is one of the best of all shrubs. Literally a fountain of bloom. White. 5 feet. June. 2 to 3 feet, each 25 cents; 10 for \$2.00; 100 for \$15.00.

TAMARIX Africana (Tamarisk) — A very hardy, vigorous growing shrub, having curious small scale-like leaves and myriads of small rosy-pink flowers that appear before the leaves. Very pretty. 8 feet. May. 3 to 4 feet, each 25 cents; 10 for \$2.00.

VIBURNUM - Snowball

V. Sterilis (Snowball or Guilder Rose) —One of the best known old shrubs, bearing large balls of beautiful snow-white flowers in June. The old-fashioned Snowball. Perfectly hardy. 8 feet. 2 to 3 feet, each 25 cents; 10 for \$2.00.

V. plicatum (Japanese Snowball)—A very popular shrub. An upright grower, with fine, dark crimped foliage, and densely covered with large balls of pure white flowers. 8 feet. June. 2 to 3 feet, each, 35 cents; 10 for \$3.00.

V. opulus (High Bush Cranberry)—Ornamental as well as useful. Its white flowers are followed by clusters of red berries resembling cranberries which remain on the bushes a long time, hanging in long, pendant clusters nearly all winter. A very desirable ornament to any lawn. 2 to 3 ft., each 25 cts.; 10 for \$2.00.

Five of one variety and ten of not over three varieties at ten rates.



Wistaria Chinensis.

Climbing Vines.

AMPELOPSIS

A. quinquefolia (American Ivy or Virginia Creeper)—One of the most rapid growing varieties of American native vines. Useful for quickly covering arbors, verandas, walls and unsightly objects. 2 year, each 20 cents; 10 for \$1.50.

A. Veitchii (Japan or Boston Ivy)—One of the finest of ornamental climbers. It clings firmly to stone, brick or wood, and is entirely hardy. Foliage small but rich and dense, changing in autumn to carmine and gold of exceeding brilliancy. 2 year, each 25 cents; 10 for \$2.00; 100 for \$15.00.

ARISTOLOCHIA siphon (Dutchman's Pipe)—A splendid well known vine with heart-shaped light green leaves 10 to 12 inches in diameter and queer pipe-shaped yellowish brown flowers. Hardy and of rapid growth. 2 year, each 50 cents; 10 for \$4.00.

BIGNONIA radicans (Trumpet Flower)—A very rapid grower and blooms almost all summer. Flowers bright scarlet and of trumpet shape. 2 year, each 25 cents; 10 for \$2.00.

CLEMATIS - Virgin's Bower

Of all climbing vines the Clematis is the most showy and gorgeous. Immensely popular for decorating verandas.

C. Jackmanii—The flowers when fully expanded are from four to six inches in diameter. Rich purple, with a velvety appearance. Blooms profusely and continually from July until frost. 2 year, each 40 cents; 10 for \$3.50. 3 year, each 55 cents.

C. Henryi—This variety has even larger and more perfect blossoms than the Jackmanii, is white as snow, but not quite so prolific. 2 year, each 40 cents.

C. Mad. Ed. Andre—Of a beautiful bright velvety red. A little smaller than Jackmanii, but a very free bloomer. 2 year, each 40 cents.

C. Ramona—Very hardy and vigorous grower. Flowers are very large, light blue and abundant. 2 year, each 40 cents.

C. paniculata (Japanese Virgin's Bower)—A Japanese vine of exceedingly rapid growth and a most profuse bloomer. The flowers are small, white, fragrant, produced in great panicles. Very popular. 2 year, each 25 cents; 10 for \$2.00.

LONICERA - Honeysuckle

L. Belgica (Monthly Fragrant)—Blooms all summer. Very fragrant. Colors red and yellow. 2 year, each 25 cents; 10 for \$2.00.

L. Halleana (Hall's Japan)—Very vigorous. Flowers open pure white and change to yellow. Very fragrant and floriferous. Leaves remain green to mid-winter. 2 year, each 25 cts.; 10 for \$2.00.

L. sempervirens (Scarlet Trumpet)—A rapid grower, producing clusters of scarlet trumpet-shaped flowers in great abundance. Very handsome. 2 year, each 25 cents; 10 for \$2.00.

WISTARIA

W. Chinensis (Chinese Blue)—Vines grow 15 to 20 feet in a season and produce long hanging clusters of pale blue flowers in spring and fall. 2 year, each 30 cents; 10 for \$2.50.

W. alba (Chinese White)—Same as above except that flowers are pure white. 2 year, each 50 cents.

W. multijuga (Japanese Loose-clustered Wistaria)—Produces clusters of dark blue flowers which are sometimes a yard long. 2 year, each 40 cents.



Evergreen Trees

ABIES balsamea (American Balsam Fir)—A very strong, symmetrical growing pyramidal tree. Its foliage is dark green on the upper and silvery white, on the under side. It is very hardy and generally successful.

	Each	10	100
18 to 24 inches.....	\$0.40	\$3.00	\$25.00
2 to 3 feet .....	.60	5.00	35.00

JUNIPERUS - Juniper

J. Hibernica (Irish Juniper)—A popular variety. Very erect, forming a column of deep green foliage. Useful in small places and for contrast. 2 to 3 feet, 50 cts. each; 10 for \$4.50.

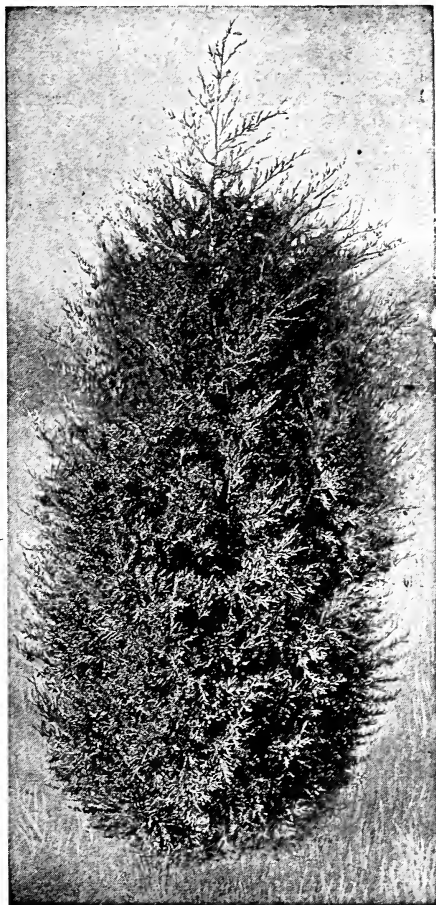
J. Virginiana (Red Cedar)—A very well known native tree. Makes a fine ornamental hedge. 2 to 3 feet, 90 cents each; \$8.00 for 10.

PICEA - Spruce

P. pungens glauca (Colorado Blue Spruce)—This is the choicest and most beautiful of all evergreens. Of compact growth, symmetrical pyramidal form, with foliage of rich steel blue color. Very hardy. We offer only grafted specimens which are the richest and most elegant to be seen anywhere.

Koster's grafted, 15 to 18 inches, each \$1.50;
Koster's grafted, 18 to 24 inches, each \$2.50.

P. pungens pendula (Weeping or Hemlock Spruce)—An elegant pyramidal tree with drooping branches and delicate dark green foli-



Juniperus Virginiana—Red Cedar.

age. A lovely lawn tree, also makes a highly ornamental hedge. 2 to 3 feet, each \$1.00; 10 for \$8.00; 100 for \$70.00.

Picea excelsa (Norway Spruce)—A valuable tree either as single specimen or for grouping; also makes a fine hedge. Very popular.

	Each	10	100
12 to 18 inches	\$0.20	\$1.60	\$12.00
18 to 24 inches	.30	2.50	20.00
2 to 3 feet.....	.50	4.00	30.00
3 to 4 feet.....	.70	6.00	50.00

PINUS - Pine

P. Austriaca (Austrian Pine)—A remarkably robust, hardy spreading tree; leaves long, stiff and dark green. A rapid grower. A native of Syria and very valuable for this country.

	Each	10
18 to 24 inches.....	\$0.75	\$6.00
2 to 3 feet.....	1.25	10.00



Picea Pungens Glauca—Colorado Blue Spruce.

Five of one variety and ten of not over three varieties at ten rates.



P. mughus (Dwarf Pine)—A low, curious, spreading species attaining only the size of a bush. 12 to 15 inches, each 75 cents.

P. Sylvestris (Scotch Pine)—A well known, robust, rapid growing tree of dull bluish-green foliage. 2 to 3 feet, 90 cents each; \$7.50 per 10.

THUYA - Arborvitae

T. occidentalis (American Arborvitae)—A very beautiful tree commonly known as the White Cedar. A rapid grower. Very desirable for hedges.

	Each	10	100
12 to 18 inches	\$0.20	\$1.60	\$12.00
18 to 24 inches .....	.30	2.25	16.00
2 to 3 feet.....	.40	3.00	25.00
3 to 4 feet.....	.60	5.00	40.00

T. occidentalis plicata (Siberian Arborvitae)—Of rather slow growth, very compact and symmetrical and of a pretty dark green color. Exceedingly hardy, and keeps its color well in winter. Of great value for lawns, screens and hedges. 18 to 24 inches, each 50 cents; 10 for \$4.00.

T. Tom Thumb—Of dwarf habit, hardy. This variety is valuable for small grounds. 12 to 15 inches, each 50 cts.; 10 for \$4.00.



Buxus Sempervirens—Tree Box.

Evergreen Shrubs

BUXUS - The Box Tree

B. arborescens (Tree Box)—This is an elegant shrub with deep green, glossy, dense foliage which may be pruned into any shape desired. 8 feet. 8 to 12 inches, each 50 cents; 10 for \$4.00.

B. sempervirens (Dwarf Box)—Similar to the above, but dwarf. Used for edging. 18 inches. 4 to 6 inches, each 10 cents; 10 for 80 cents; 100 for \$6.00.

RHODODENDRONS (Rosebay.)

With its broad, glossy, evergreen foliage it is handsome at any time, but when in bloom in May and June it simply surpasses everything else in gorgeousness and magnificence. If possible, plant in a somewhat protected and shady situation. Enrich the soil with leaf mould and rotted manure, but no lime or ashes. If the soil is dry and loose plant deep. With a little care in these particulars it will do well most anywhere. Our plants come budded and with a ball of earth on their roots, and are sure to bloom the first season. 18 inches, each, \$1.25; 24 inches, each, \$1.50.



Rhododendrons—Rosebay.



Roses

PRICE of strong two -year-old plants, each 25 cents; 10 for \$2.00, except where noted. **TREE ROSES**, 4 to 5 feet trunks, each \$1.00.

HYBRID PERPETUALS

The following are all hardy, and yet a slight protection in exposed situations is desirable. They all bloom profusely in June and more or less throughout the summer. Fertilize and prune freely.

Alfred Colomb—Very large and full. Brilliant carmine crimson; extremely fragrant. A free grower.

American Beauty—Very large and double. Of globular shape. Deep pink, shaded with carmine. Fragrance exquisite. Each 30 cents; 10 for \$2.50.

Anne de Diesbach—Very large, brilliant crimson; fragrant, vigorous.

Baron de Bonstetten—Flowers large and very double; color rich, dark red, passing to deep, velvety maroon. Very fragrant.

Clio—New. The perfection in Hybrid Perpetuals. Of delicate satin blush with a little deeper center. Large, well shaped and very double. Strong, robust, hardy and prolific. A jewel.

Coquette des Alps—White, slightly shaded with carmine. Vigorous and free bloomer.

Gen. Jacqueminot—Brilliant, velvety crimson, large and showy. A free grower and bloomer.



General
Jacqueminot.

Frau Karl Druschki (Snow Queen)—A new rose of great merit. There it nothing in white roses quite as fine as this. Pure white, large and of elegant form. The bush is vigorous and healthy, with bright, robust and abundant foliage. Perfectly hardy and very prolific.

Gruss an Teplitz—New. Color a very rich, lively crimson scarlet. Very fragrant. A vigorous grower and continual bloomer. One of the best.

Killarney—A pale pink rose of great substance. Buds are large, long and pointed. Very fragrant and blooms freely all summer. Each 35 cents; 10 for \$3.00.

La France—Rich satiny peach, changing to deep rose; large and full. A constant bloomer. The sweetest of all. Each 30 cents; 10 for \$2.50.

Mad. Plantier—Pure white, large and very double. A free bloomer and grower.

Magna Charta—Pink and carmine; very large and full; a profuse bloomer. Fragrant. Free grower.

Marshall P. Wilder—Bright cherry carmine; very fragrant and one of the freest bloomers. Vigorous.

Margaret Dickson—New. Perfectly hardy and very vigorous. A free summer and autumn bloomer. Flowers white with pale flesh center, of a waxy texture and delightful fragrance. A great acquisition.

Mrs. Laing—Very free flowering; commences early and continues to bloom profusely until fall. Of delicate pink color. Very fragrant.



Killarney.

Five of one variety and ten of not over three varieties at ten rates.



Bed of Baby Rambler Roses.

Paul Neyron—The largest of all. Deep rose color. Free bloomer, vigorous grower.

Persian Yellow—Bright yellow, nearly full. Very vigorous and hardy.

Prince C. de Rohan—Deep velvety crimson; large, moderately full. Free grower.

Soleil d'Or—New. This fills a long felt want. The only yellow rose that is hardy and a perpetual bloomer. Besides it is large, very double and fragrant. Its color varies from clear yellow to old gold. It is a good healthy grower. A decided acquisition. Each 30 cents; 10 for \$2.50.

BABY RAMBLERS

Mad. Nord. Levavasseur, or Crimson Baby Rambler—Very similar to Crimson Rambler in color, form and size of flower, but unlike it in that it is very dwarf and a perpetual bloomer. It devotes its energies to the production of flowers rather than long thorny brambles, and is therefore an ideal pot rose. Out doors it blooms daily all summer, in the house all the time. Very hardy.

Katherine Zeimet, or Pure White Baby Rambler.

Maman Levavasseur (Baby Dorothy) or Pink Baby Rambler.

All very dwarf and prolific; like the Crimson Baby Rambler except color.

MOSS ROSES

Admired for the curious mossy covering of the buds. The following are all free growers, perfectly hardy and the best of this class.

Crested Moss—Deep pink buds, surrounded by a mossy fringe and crest. Very beautiful and fragrant.

Perpetual White—Pure white; blossoms in clusters.

Princess Adelaide—Blush, becoming quite pale. Very delicate.



Crested Moss.



CLIMBING ROSES

These are particularly useful for training over arbors, verandas, pillars, etc., and for covering unsightly objects. All are rank growers and perfectly hardy.

Crimson Rambler—Of Japan origin. Very vigorous bush, growing eight to ten feet a season after it is well established. Entirely hardy and extremely prolific. It blooms in clusters. Of a beautiful crimson color and lasts a long time. It is a jewel.

Dorothy Perkins—Quite similar to Crimson Rambler except in color, which is a clear shell pink. Blooms in clusters of 10 to 30 or more. Flowers are not only large for a rambler but well formed, very double and fragrant. A strong, healthy grower and very hardy.

Philadelphia—A very decided improvement over Crimson Rambler. Larger flowers, very double and of more intense crimson, which never fades. Blooms some two weeks earlier. One of the best of all hardy climbers.

Prairie Queen—Bright rosy red. Very large and fine.

Seven Sisters—Crimson, changing gradually to white.

Veilchenblau (Blue Rambler)—New. A rambler of steel blue color. The first of its color. Larger than the Crimson Rambler and equally prolific and hardy. A decided hit. Each, 30 cents.

White Rambler—Pearl white and fragrant. A fine companion to Crimson Rambler.

Yellow Rambler—Flowers light yellow and fragrant. Very vigorous, hardy and prolific.



Crimson Rambler.

BARGAIN COLLECTION

No. 25.—Four Hybrid Perpetual Roses and two Climbers, one of a kind, our selection, for \$1.00.



A Hedge of Roses Makes a Pleasing Effect.

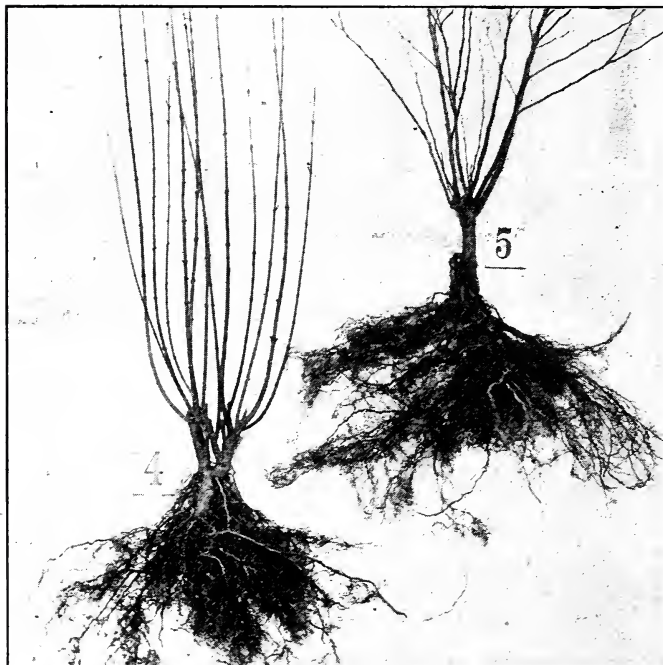


Hedge of Thunberg's Barberry.

Hedge Plants

Plant deciduous hedge plants six inches apart, and after the first season cut them down to within four inches of the ground. From these stubs many sprouts will start the next season and that makes it dense from the ground up, which is a necessity for a good hedge.

CALIFORNIA PRIVET is the most popular. A free, rapid grower with dense, dark green foliage. Submits to shearing to any extent and shape. Holds its foliage up to the holidays in this vicinity and is evergreen south of Pennsylvania. Plants are cheap, free from thorns, and do not sprout or sucker from the roots. Price for 2 to 3 ft. plants, \$4.00 per 100, \$30.00 per 1,000; 3 to 4 ft., \$5.00 per 100, \$40.00 per 1,000.



4 Represents a 3-year, 3 to 4 foot California Privet; 5, 3-year, 2 to 3 foot Japanese Barberry.

JAPAN BARBERRY (*Berberis Thunbergii*). This is a dwarf barberry; very hardy and highly ornamental. Its yellow flowers are followed by bright scarlet berries. In the fall its foliage turns to scarlet and gold. Price, 12 to 18 inch plants, \$11.00 per 100; 18 to 24 inch, \$14.00; 2 to 3 ft., \$17.00.

JAPAN QUINCE and **TARTARIAN HONEYSUCKLES** are also very suitable for hedges. See pages 40 and 42.

HONEY LOCUST makes one of the best and strongest thorny hedges for enclosing horses and cattle. Its foliage is also very pretty and graceful. Price of one-year plants, 75 cents per 100, \$5.00 per 1,000; 2-year plants, \$1.00 per 100, \$7.00 per 1,000.

OSAGE ORANGE grows still stronger and makes a hedge "horse high, bull strong and pig tight." Price of one-year plants, 50 cents per 100, \$2.50 per 1,000; 2-year plants, 75 cents per 100, \$3.50 per 1,000.



Evergreen Hedges

DWARF BOX makes a very pretty little evergreen hedge or border along paths, etc., about 18 inches high. Plant four inches apart. **Price, 4 to 6-inch plants, \$6.00 per 100; \$50.00 per 1,000.**

NORWAY SPRUCE and **AMERICAN ARBORVITAE** make fine evergreen hedges, plenty strong enough to turn

horses and cattle. By shearing hedges annually, while the young wood is still soft, they can be kept down to four or five feet high. Plant one foot apart. For windbreaks plant four feet apart and allow them to grow up to fifteen or more feet high. **Prices, for 12 to 18 inch trees of either or both, \$12.00 per 100.**

Forest Tree Seedlings

As the natural forests of the country are fast disappearing it is well to take steps now to provide for a future supply of timber for building and the industrial arts. Some varieties are so scarce and high priced even now as to promise splendid results from an investment along this line. Besides, there are large tracts denuded of the natural forest and worthless for anything else, which with a little care and expense would grow timber very profitably.

Plant deciduous trees as Catalpas, Locusts, etc., about one by four feet apart and cultivate for a year or two. After that they take care of themselves. Close planting causes them to crowd one another and grow long and straight. In three to five years the harvest begins by thinning them out, using the thinnings for bean, hop and hoop poles, etc., a few years later for stakes, posts and kindred uses. After they get to be some thirty feet high and are thinned to ten or twelve feet apart they grow into money very fast, and may be left to grow as long as desired without further thinning.

For evergreen forest trees, see "Evergreens," on page 47. Can quote special low rates by the 1,000 and 10,000 upon request, stating varieties, sizes and number of each wanted.

PRICE LIST OF FOREST TREE SEEDLINGS.

	Per 100	Per 1000
Black Walnut, 1-year, 10 to 15 inches.....	\$2.00	\$16.00
Butternut, 1-year, 10 to 15 inches.....	2.00	16.00
Black Locust, 1-year, 12 to 18 inches.....	1.00	8.00
Catalpa Speciosa	1.00	8.00
Osage Orange, 1-year, 8 to 12 inches.....	.60	4.00
Russian Mulberry, 1-year, 12 to 18 inches.....	1.25	10.00

BLACK WALNUTS and **BUTTERNUTS**—Are well known trees. Very valuable both for nuts and timber, but especially the latter. Their nuts pay for their keep, leaving their timber clear gain.

THE BLACK LOCUST is a well known tree that will grow and do well on any high or rough land, where almost all other trees and crops fail. It should be extensively planted for fence posts. The life of the locust fence post is known to be more than fifty years.

THE OSAGE ORANGE is not a new plant. Almost everyone with any experience in farming knows something about it. But it is only within the last few years that its real value has been realized. If given proper chance on a farm it will be one of the most profitable crops planted.

CATALPA SPECIOSA—A very hardy and most rapid growing forest tree. Its timber is very useful in the arts because light, strong and tough. It is also durable, hence very useful for grape posts, railroad ties, telegraph poles, etc.

THE RUSSIAN MULBERRY is one of the best known trees to plant for windbreaks around orchards, buildings, etc. Makes homes and provides favorite food for birds, which will destroy without cost more insects around an orchard than can possibly be killed by experienced spraying. The wood is heavy, tough, hard and strong, makes excellent wagon felloes, hubs, tool handles, insular pins, fence posts, and is a beautiful golden color. Has been known to last as fence posts more than eighty years. Not easily burned, which makes it an excellent post along railroads or places exposed to fire.

Transportation Prepaid.—On Forest Tree Seedlings we prepay all transportation charges to any Railway Station or Steamboat Dock east of the Rocky Mountains.



Hardy Perennial Plants

This class of plants, unlike shrubbery, die to the ground in the fall, but grow again from the same root in the spring larger and richer every season. All that is necessary for their cultivation is a light coating of manure in the fall, and to keep the ground mellow and clear of weeds during the summer.

A collection of them is very interesting indeed. There is always something in bloom from early spring to late fall and some days most of them. A border some four to ten feet wide along a walk or drive is just the place for them. An evergreen or privet hedge against which to offset the bright colors makes a most suitable background for them. Pinching off flowers when faded to prevent their going to seed keeps many of them in bloom much longer.

Five of one variety and ten of not over three varieties at 10 rates.

ACHILLEA - Yarrow

A. (Rosy Milfoil)—Foliage is deep green, finely cut. Flowers appear in large, flat heads in great profusion from June to late fall, and are a bright cherry red. Very showy. 18 inches. Each 15 cents; 10 for \$1.25.

A. ptarmica, fl. pl. (The Pearl)—Bears clusters of pure white perfectly double flowers abundantly all summer. Fine for cutting. Also for cemetery planting. 12 to 18 inches, each 15 cents; 10 for \$1.25.

ANCHUSA - Alkanet

A. Italica (Dropmore Var.)—This variety yields an abundance of brilliant blue flowers deep as the Blue Gentian. 4 feet. June and July. Each 30 cents; 10 for \$2.50.

ASCLEPIAS tuberosa (Butterfly Flower)—Produces beautiful,



Achillea, The Pearl.

large, flat, compact heads of brilliant orange red flowers, a color found in no other hardy perennial. One of the showiest. Each 10 cents; 10 for 80 cents.

ANEMONE

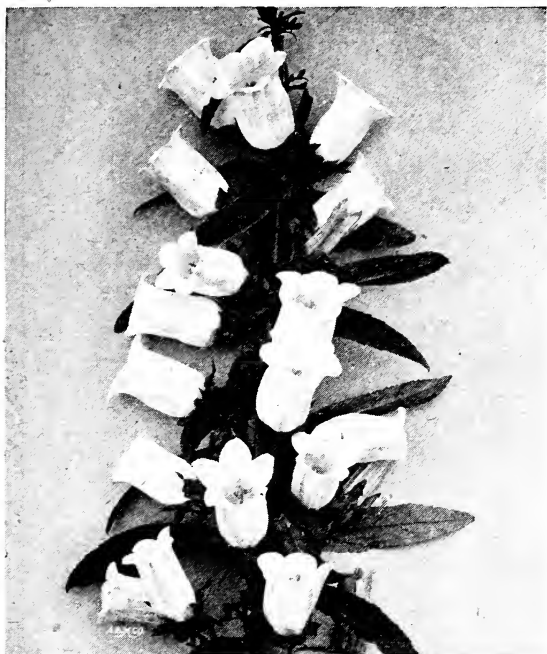
A. Japonica (Japanese Wind Flower)—Blooms in great profusion from August until severe frost. Splendid for cutting. 2½ feet.

A. Japonica alba—Pure white with yellow center. Each 10 cents; 10 for 80 cents.

A. Queen Charlotte—Semi-double and of a beautiful pink color, often 4 inches across. Each 10 cents; 10 for 80 cents.

A. rubra—Rose color with yellow center. Each 10 cents; 10 for 80 cents.

A. Whirlwind—Splendid double white flowers 2½ to 3 inches across. Each 10 cents; 10 for 80 cents.



Campanula Carpatica—Bell Flower or Harebell.

AQUILEGIA - Columbine

One of the showiest and dearest of hardy flowering plants. Does well in shade and among stones.

A. caerulea—Comes from the Rocky Mountains, often 3 inches in diameter. Blue and white. 2 feet. June and July. Each 15 cents; 10 for \$1.25.

A. Canadensis—The common American Columbine. Bright red and yellow. Each 15 cents; 10 for \$1.25.

A. chrysantha—Golden yellow with long spurs. Distinct. 2½ feet. June and July. Each 15 cents; 10 for \$1.25.

A. nivea grandiflora—Double pure white. Each 15 cents; 10 for \$1.25.

CAMPANULA media (Canterbury Bells) Blue, rose and white, mixed. 2 to 3 feet. July. Each 15 cents; 10 for \$1.25.

CONVALLARIA - Lily of the Valley

Old and familiar to all. Adapts itself to any kind of a place and care, or no care at all, and always bobs up serenely in May and June with its pretty, delicate, pure white and highly scented bells. Can be grown in pots as well as outdoors. 8 to 10 inches. Each 5 cents; 10 for 30 cents; 100 for \$2.00.

COREOPSIS lanceolata grandiflora (Golden Marguerite)—Blooms nearly the entire summer in great profusion. Flowers of a rich golden color. Fine for cutting. 3 feet. Each 10 cents; 10 for 80 cents.

DAISY, SHASTA

Luther Burbank's wonderful hybrid daisy. Large, pure white flowers blooming in great abundance all summer. 1 to 2 feet. Each 10 cents; 10 for 80 cents.

DELPHINIUM - Larkspur

Old fashioned, but elegant nevertheless. Dazzlingly deep blue, and in bloom for months.

D. Formosum—The old-fashioned dark blue variety that never fails. 2 to 4 feet. June until frost. Each 12 cents; 10 for \$1.00.

D. formosa coelestinum—Delicate blue, charming. Each 12 cents; 10 for \$1.00.

D. Hybridum—Mixed. New shades of blue and purple. Each 12 cents; 10 for \$1.00.

DIANTHUS - Hardy Pinks

D. Plumarius (Garden Pinks)—Variety much like dwarfed Carnations and equally gay and fragrant. Each 10 cents; 10 for 80 cents.

D. Barbatus (Sweet William)—Beautifully marked in a variety of richest hues. Dazzling. Single 8 cents each; 10 for 65 cents. The same, double, 10 cents each; 10 for 80 cents.



Coreopsis—Golden Marguerite.



DICENTRA Spectabilis (Bleeding Heart)—An old-fashioned but delicate and still popular flower. The flowers are heart-shaped, hanging from all along the under side of the drooping branches. Perfectly hardy. 2 feet. May. Each 15 cents; 10 for \$1.25.

DICTAMNUS - Gas Plant

D. fraxinella rubra—An aromatic plant bearing long spikes of beautiful pinkish, purple veined and lemon scented flowers. In hot weather it gives off a gas that explodes when a match is applied. 1½ feet. June. Each 10 cents; 10 for 80 cents.

D. fraxinella alba—White, otherwise like the above. Each 15 cents; 10 for \$1.25.

DIGITALIS (Foxglove)—An old but still popular flower. Its spikes of long tubular flowers, varying from purple to white, are very showy and impressive. Fine for cutting. June to August. 3 to 4 feet. Each 10 cents; 10 for 80 cents.

FUNKIA - Day Lily

Beautiful and interesting, with handsome lily-like flowers.

F. cordata—A handsome showy plant with large, pure waxy-white flowers borne in large trusses. Very fragrant. 18 inches. August and September. Each 15 cents; 10 for \$1.25.

F. ovata—Dark green glossy foliage and light blue flowers. 2 feet. June and July. Each 12 cents; 10 for \$1.00.

F. undulata variegata—Leaves 8 to 10 inches long, 2 to 3 inches wide, beautifully variegated yellow and green; flowers blue. Fine for edging. Each 15 cents 10 for \$1.25.

GAILLARDIA grandiflora (Blanket Flower)—Flowers brightly colored and of perfect form. Center deep maroon with petals of orange crimson and red shaded into rings. 2 feet. June to October. Each 10 cents; 10 for 80 cts.

HARDY ORNAMENTAL GRASSES

For stateliness, symmetry, grace and tropical luxuriance, select hardy ornamental grasses.



Gaillardia—Blanket Flower.



Digitalis—Foxglove.

Erianthus Ravennae (Ravenna Grass)—Resembles Pampas Grass but is hardy and blooms more abundantly. Grows 9 to 12 feet high.

Eulalia gracillima univittata—Produces an abundance of long but very narrow green leaves with a silvery white midrib. Graceful as a palm. 4 feet.

Eulalia Japonica variegata—Similar to above but larger and striped lengthwise green and white. 6 feet.

Eulalia Japonica zebrina (Zebra Grass)—Very striking and distinct. Unlike most variegated plants the stripes run across the leaves instead of lengthwise. 6 feet.

Phalaris Arundinacea variegata (Ribbon Grass)—Green leaves having several stripes of creamy white color lengthwise. Forms handsome clumps, also used for flower bed borders.

All of above grasses, each 10 cents; 10 for 80 cents.

GYPHOPHILA Paniculata (Baby's Breath)—Forms a perfect cloud of minute pure white flowers supported on the slenderest of stems. Besides making a handsome show in the garden it is very useful to mix with cut flowers. 4 feet. July. Each 10 cents; 10 for 80 cents.



HELIANTHUS

H. multiflorus plenus (Hardy Sunflower)—A blaze of gold in late summer and early autumn. Double. 4 feet. July to September. Each 15 cents; 10 for \$1.25.

H. Soliel d'Or—Resembles a Dahlia in shape and finish. Clear yellow. July to September. Each 15 cents; 10 for \$1.25.

HIBISCUS - Mallow

H. Moscheutos (Rosy Marshmallow)—Like the one below except in color, which is pink with dark eye. Each 10 cents; 10 for 80 cents.

H. var. albus (Crimson Eye)—Immense flowers of purest white, with a large crimson center. 4 feet. August. Each 10 cents; 10 for 80 cents.

HOLLYHOCK

Another valuable old standby, especially useful for the center of a large bed or for a background for smaller plants. 4 to 6 feet.

H. Double—We offer five distinct colors—maroon, crimson, pink, white and yellow. Each 10 cents; 10 for 80 cents.

H. Mammoth Fringed—Flowers very large, curled and fringed, blooming from June until frost. Mixed colors only. Each 12 cents; 10 for \$1.00.

IRIS GERMANICA - German Iris

The German Iris, also known by its French name, "Fleur-de-Lis," is one of the most showy, beautiful and useful of hardy perennials. It blooms in great profusion in spring and early summer, bearing sometimes 50 to 100 spikes of bloom, deliciously fragrant and fine for cutting. The flowers resemble large orchids in the richness, purity and exquisite shading of color. Moreover, it is a plant of easiest culture, perfectly hardy and succeeds everywhere. 18 to 24 inches. May and June. The following are as choice as any:

Canary Bird—Falls white, stands canary yellow.

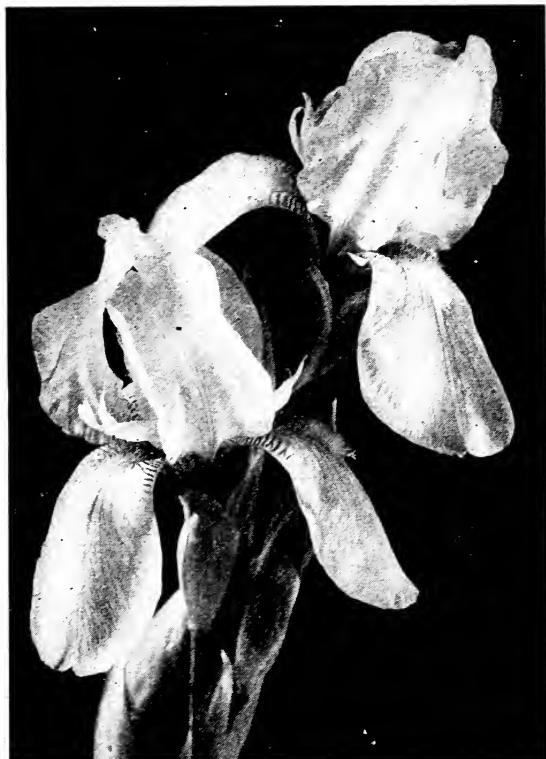
Celeste—Falls a bright blue, stands a grayish blue.

Conspicua—Very large. Stands buff and yellow, falls deep maroon.

Cubero—Rich orange yellow, falls heavily penciled maroon.

Florentine alba—White, free flowering and sweet scented.

Fulda—Satiny white, falls lilac, feathered yellow.



Iris Germanica—German Iris.

Her Majesty—Very large and fine. Falls crimson over white, stands lavender rose.

Honorabilis—Stands golden yellow, falls crimson.

Mad. Chereau—White, edged and veined blue. Very delicate.

Mrs. Darwin—White, veined and penciled crimson.

Parisiensis—Largest and showiest. Deep purple. Veined white at base of petals.

All varieties, each 10 cents; 10 for 80 cents; 100 for \$6.00.

IRIS KAEMPFERI Japan Iris

Marvels of elegance. Imagine a plant sending a dozen spikes of flowers 2 to 3 feet high, each one bearing two to four blossoms 6 to 8 inches across and of the most beautiful colors, markings and veinings, as white, violet, lavender, mauve, sky-blue, etc., and you have but a faint picture of the reality. June and July.



Iris Kaempferi—Japan Iris.



Japanese Iris—Continued

Gold Bound—Pure white, one of the best.

Ho-O-Muja—Pale pink, lavender veined.

Hatsu-Gave—White, spotted purple.

Kaku-Jackuro—Very large, blue with yellow blotches, heavily feathered.

Komochi-Guma—Violet, double and blooms in clusters.

Mahogany—Dark red, shaded maroon.

Mt. Hood—Light blue, shaded darker.

Paragon—Rich velvety purple.

Pyramid—Lilac blue, veined, white center on each petal.

Robt. Craig—French gray, veined violet.

Shishi-Ho—Blue, shading to purple, veined white.

Shishi-Ikari—Crimson, shading to white, red tipped.

Spotted Beauty—Wavy, double silky white, spotted with violet crimson.

All varieties, each 20 cents; 10 for \$1.60; \$12.00 per 100.

IBERIS Sempervirens (Evergreen Candytuft)—A profuse blooming evergreen species, and very hardy. Well adapted for rockeries, edging, etc. Pure white. 8 inches. April and May. Each 25 cents; 10 for \$2.00.

LILIUM - Lilies

L. Auratum (Gold-banded Japan Lily)—The finest of all lilies. Flowers 8 to 12 inches in diameter, made up of broad, waxy-white petals bearing a bright golden band through the center and studded with crimson dots. It often bears 12 to 15 flowers. 3 to 4 feet. July and August. Each 20 cents; 10 for \$1.75.

L. Longiflorum—Bears long, trumpet-shaped, snow-white, very fragrant flowers. 2 to 3 feet. June and July. Each 15 cents; 10 for \$1.25.

L. Speciosum Album—Very delicate and graceful. Large, waxy white, recurved petals having faint dots and a light green band through the center of each. Delightfully fragrant. 3 feet. August. Each 20 cents; 10 for \$1.75.

L. Speciosum Melpomene—Satin white, heavily spotted with rich crimson. Each 20 cents; 10 for \$1.75.

L. Speciosum Rubrum—Much like S. Album except that the white petals are shaded and spotted with rose and carmine. 3 feet. August. Each 15 cents; 10 for \$1.25.

L. Tigrinum fl. pl. (Double Tiger Lily)—A strong grower, bearing magnificent pyramids of orange red flowers with black spots, on polished black stems. Each 15 cents; 10 for \$1.25.



Lillium Longiflorum.

LOBELIA Cardinalis (Cardinal Flower)—Intense cardinal red flowers arranged in stocky spikes 15 to 18 inches, keep the plant aflame throughout August and September. Each 10 cents; 10 for 80 cents.

LYCHNIS

L. Chalcedonica (Maltese Cross)—A fine old garden flower with close heads of brilliant scarlet flowers and dark green foliage. Showy and useful for cutting. 2 to 3 feet. All summer. Each 10 cents; 10 for 80 cents.

L. Viscaria Splendens (Lamp Flower)—Almost evergreen. Fairly ablaze with close spikes of crimson flowers in June and July. Each 15 cents; 10 for \$1.25.

Five of one variety and ten of not over three varieties at 10 rates.



Border Planting of Peonies.

Peonies

The Paeony is as hardy as a burr oak and absolutely free from insect enemies and disease. This is saying a good deal. In addition the flowers are of immense proportions, sometimes reaching nine inches in diameter, perfectly double, and have a great range of color from the purest white to the deepest crimson and yellow. Then, too, the newer varieties rival the rose and carnation in delicacy of fragrance and, some say, surpass them. Truly a most valuable and useful flower. They are, however, a little slow in getting started, so don't expect too much of them the first year. There are thousands of varieties, but we only offer a few of the best and most distinct. Three feet. May and June.

Prices of all varieties, except as noted, each 25 cents; 10 for \$2.00.

Alba Sulphurea (Mont Blanc)—Light sulphur yellow, changing to white. Each 35 cents; 10 for \$3.00.

Anemoneflora—Delicate rose, with bluish white center. Very fine.

Canary—New. A strong, healthy grower, very prolific. Large and very double. In color a creamy yellow. Each 50 cents; 10 for \$4.00.

Dorchester (Richardson) — Quite dwarfish and late. Flowers very double. Delicate pink. Each 35 cents; 10 for \$3.00.

Duchess de Orleans—Large and com-

pact. Deep rose color, center changing from buff to silvery rose.

Duke of Wellington—Very large and double. Creamy white, bleaching to pure white. Each 35 cents; 10 for \$3.00.

Eclatant—Large full flower, purplish crimson; best of that color.

Edulis Superba—Early and very fragrant. Deep pink.

Festiva Alba—One of the best white varieties. Quite prolific.

Festiva Maxima—Probably the largest and most popular of all the peonies. Pure white, center petals tipped carmine. Each 35 cents; 10 for \$3.00.

Henry de May—Very large, double, fragrant. Late; violet purple.

Hercules—Of immense size. Color bright rose to bluish white, deep yellow center.

Modeste Guerin—Broad flowers of cherry rose with lighter center, changing to light rose. Keeps well.

Officinalis Rubra fl. pl.—Rich deep crimson and very early. The old red paeony.

Queen Victoria—Large, bluish white. **Richardson's Perfection**—Large, light flesh, white center.

Rubra Triumphans—Early. A beautiful satin finished and intense crimson variety of rich fragrance.

Tenuifolium—Fringe-leaved. Very early, and intensely crimson scarlet in color. Very desirable. Each 35 cents.

Five of one variety and ten of not over three varieties at 10 rates.



PAPAVER - Poppies

For splendor and gorgeous effect nothing surpasses the hardy Poppy. Showy and conspicuous in any position. Fine to mix with fall-blooming shrubbery.

Papaver Bracteata—Mammoth deep blood crimson flowers with black center, 5 to 7 inches across. 2½ feet. May and June. Each 15 cents; 10 for \$1.25.

P. Orientale—The same as above except in color, which is orange-scarlet. Each 10 cents; 10 for 80 cents; 100 for \$6.00.

P. Nudicaule (Iceland Poppy)—Very bright and rich. Will bloom abundantly from June to fall if not allowed to go to seed. White, yellow and orange mixed. 1 foot. Each 12 cents; 10 for \$1.00.

PHLOX - Perennial Phlox

There is no hardy flowering plant that will produce such a dazzling display of brilliant colors of all shades from early in July until frost as Perennial Phlox. They have been greatly improved of late years, so that the flowers are much larger, more abundant and more brilliant, while their stalks are shorter. The number of varieties is legion, but we offer only a few of the best. 20 to 30 inches.

Amabilis—Deep cherry red. Very good.

Aquillon—Deep rose, carmine center. Fine.

August Revere—Salmon red, dark eye.

Coquelicot—A brilliant orange red with violet eye.

Eiffel Tower—New. Of a beautiful salmon rose color, with distinct purple eye and defined clearness of flower, charming in the extreme.

Embrazement—Coppery red, purple eye.



Planting of Phlox.



Hardy Phlox.

Hector—Immense flowers of a dark pink with large crimson eye.

Henry Murger—Big as a dollar, white with large carmine center.

King of Purples—Deep glowing purple. Extra fine.

Miss Lingard—Blossoms from the ground up. Waxy white with lavender eye.

Charlotte Saisson—Large white, eye and plaid shadings of richest crimson.

Pacher—Rosy pink; large truss. Excellent.

Richard Wallace—White with violet eye. Prolific and lasting.

R. P. Struthers—Rosy salmon, crimson eye. Very showy.

The Pearl—Pure white. A standard.

Price of all varieties, each 12 cents; 10 for \$1.00; 100 for \$8.00.

RUDBECKIA (Golden Glow)—One of the brightest and showiest of hardy flowers and easiest to grow. It produces a mass of double yellow flowers from July until frost. Excellent for cutting. 6 feet. Each 10 cents; 10 for 80 cents; 100 for \$5.00.

SPIREA - Meadow Sweet

S. Japonica (White)—A splendid plant both in foliage and flower. Flowers creamy white and very floriferous. 2 feet. June. Each 15 cents; 10 for \$1.25.

S. Palmata (Crimson)—Stems and branches purple red, flowers crimson purple. 2 feet. June. Each 20 cents; 10 for \$1.60.



Tritoma—Red Hot Poker.



Veronica—Speedwell.

TRITOMA - Red Hot Poker Plant

T. Pfitzeri (The Everblooming Flaming Torch)—Vies with the finest Cannas for attractiveness and brilliancy. The plants show from six to ten grand flower stalks all the time, each displaying at the height of 3 feet a great cluster of flame colored flowers. Needs some protection at the North. June to November. Each 15 cents; 10 for \$1.25.

T. Uvaria grandiflora—Bears grand spikes of bright orange colored flowers. 4 feet. Each 10 cents; 10 for 80 cents.

VERONICA Longifolia subsessilis (Speedwell or Blue Bird Flower)—This is one of the very handsomest hardy flower plants, of a blue color. Its flowers at a distance resemble blue birds perched in the foliage. It is perfectly hardy and grows in strength and beauty from year to year. 2 feet. May to September. Each 15 cents; 10 for \$1.25.

YUCCA Filamentosa (Adam's Needle)—A very handsome, stately and striking evergreen plant with long, narrow, palm-like leaves, having white threads growing from their edges. Flower stem grows 3 to 5 feet high, bearing bell-shaped creamy-white flowers in July. Each 15 cents; 10 for \$1.25; 100 for \$10.00.

Bargain Collections

- No. 26—11 German Iris, one of a kind, for \$1.00.
- No. 27—16 German Iris, mixed varieties, for \$1.00.
- No. 28— 6 Japan Iris, one of a kind, for \$1.00.
- No. 29— 8 Japan Iris, mixed varieties, for \$1.00.
- No. 30—11 Per. Phlox, one of a kind, for \$1.00.
- No. 31—16 Per. Phlox, mixed varieties, for \$1.00.
- No. 32— 5 Paeonies, your choice of 25c varieties, \$1.00.
- No. 33— 6 Paeonies, mixed, for \$1.00.
- No. 34— 2 each Anemone Japonica Alba, Rubra, Queen Charlotte and Whirlwind. Also 1 each Achillea, The Pearl and Rosy Milfoil for \$1.00.
- No. 35— 2 Aquilegias each Caerulea, Canadensis, Chrysantha and Nivea Grandiflora for \$1.00.
- No. 36— 2 each Campanula, Gaillardia, Gypsophila and Iberis for \$1.00.
- No. 37—Double Hollyhocks, 2 each White, Pink, Crimson, Maroon, Yellow, and Mammoth Fringed for \$1.00.
- No. 38—2 Hydrangea P. G. and 3 Spirea Van Houttei for \$1.00.

Horticultural Publications

Trees, Shrubs, Vines and H. Perennials—This is a book on Landscape Gardening of 407 pages, 6 by 9 inches in size, filled with many schemes and plans for beautifying country, village and city lots, etc., with suitable trees, shrubs, etc. It also contains many very beautiful half-tone illustrations on enameled paper of the most prominent trees and plants for landscape gardening. Also a long descriptive list of useful trees, vines and plants with both common and botanical names, stating ultimate height, color and time of bloom. No one at all interested in beautifying a place should try to get along without it. Bound in cloth. Price \$2.50 postpaid.

Horticultural Art Folio—A book of 84 colored plates, representing 181 of the best and most popular varieties of hardy fruits and flowering shrubbery, executed in the highest style of the lithographer's art, bound in leatherette cover. Splendid for soliciting orders for vines, plants and trees. Price, \$2.25, postpaid.

Our Spray Calendar Free—It describes what to spray for, what chemicals to use, how to mix them, how to spray, when to spray, the best machines on the market and where to obtain them, etc. Free to all who ask for it.

Descriptive Catalogue of Rural Books Free—A descriptive and priced catalog of over 200 different books on Fruit and Vegetable Growing; Flower and Landscape Gardening, and others pertaining to Rural life, will be mailed free.

INDEX

Abies	47	Eulalia	56	Paulownia	38
Acer	36, 40	Euonymus	37	Peaches	28-29
Achillea	54	Evergreens	47-47-53	Pearl Bush	41
Adam's Needle	61	Exochorda	41	Pears	22-23
Aesculus	36	Fagus	37, 39	Peonies	59
Alder	37	Figs	34	Perennials	54-61
Alkanet	54	Filbert	33-40	Phalaris	56
Almond, Flowering	43	Fir	47	Philadelphus	43
Alnus	36	Flowering Apple	39	Phlox	60
Althea	41	Forest Trees	53	Picea	47
Ampelopsis	46	Forsythia	41	Pie Plant	21
Anchusa	54	Fox Glove	56	Pine	47
Anemone	54	Funkia	56	Pinks, Hardy	55
Apples	30-32	Gaillardia	56	Pinus	47-48
Apricots	29	Gas Plant	56	Platanus	38
Aquilegia	55	Ginkgo	37	Plum, Flowering	43
Arbor Vitae	48	Globe Flower	43	Plums	25-27
Aristolochia	46	Golden Bell	41	Poplar	38
Asclepias	54	Golden Chain	38	Poppies	60
Asparagus	21	Golden Glow	60	Populus	38
Azalea	40	Golden Marguerite	55	Privet	43
Baby's Breath	56	Gooseberries	15	Prunus	43
Barberry	40, 52	Grapes	5-12	Pyrus	38-39
Beech	38	Grasses, Ornamental	56	Quinces	32
Beech, Weeping	40	Gypsophila	56	Quince, Japan	41
Bell Flower	55	Hawthorn	38	Raspberries	16-17
Berberis	40, 52	Hedge Plants	52-53	Ravenna Grass	56
Betula	39	Helianthus	57	Red Hot Poker	61
Bignonia	46	Hibiscus	41, 57	Rhododendrons	48
Birch, Weeping	39	Hollyhocks	57	Rhubarb	21
Blackberries	18	Honey Locust	52	Rhus	44
Blanket Flower	56	Honeysuckle	42, 46	Ribbon Grass	56
Bleeding Heart	56	Horse Chestnut	37	Roses	49-51
Blue Bird Flower	61	Hydrangea	42	Rosebay	48
Books	61	Hypericum	41	Rose of Sharon	42
Boston Ivy	46	Iberis	58	Rudbeckia	60
Box Tree	48	Iris	57-58	Salisburya	38
Buddleia	40	Ivy	46	Salix	39
Butterfly Flower	54	Japan Quince	40	Sambucus	44
Butterfly Shrub	40	Judas Tree	38	Seedlings, Tree	53
Butternut	53	Juniper	47	Shasta Daisy	55
Buxus	48	Juniperus	47	Shrubs, Deciduous	41-45
California Privet	43-52	Kerria	42	Smoke Tree	44
Calycanthus	40	Koeleruteria	37	Snowball	45
Campanula	55	Laburnum	37	Sorbus	38
Candytuft	58	Lamp Flower	58	Speedwell	61
Canterbury Bells	55	Larkspur	55	Spiraea	44-60
Cardinal Flower	58	Ligustrum	43-52	Spruce	47
Catalpa	37, 53	Lilac	44	Strawberries	19-20
Cerasus	39	Lilium	58	Strawberry Bush	38
Cercis	37	Lily	58	St. John's Wort	41
Cherries	24	Lily of the Valley	55	Sunflower, Hardy	57
Cherry, Weeping	39	Linden	38	Sweet Shrub	41
Chionanthus	40	Liriodendron	37	Sweet William	55
Clematis	46	Lobelia	58	Syringa	44
Columbine	55	Locust, Black	53	Sycamore	38
Convallaria	55	Lonicera	42, 46	Tamarisk	45
Coreopsis	55	Lychnis	58	Tamarix	45
Currants	13-14	Magnolia	38	Thuya	48
Cornus	37, 40	Maiden Hair Tree	37	Tilia	38
Corylus	40	Mallow	57	Trees, Deciduous	36-40
Crab Apples	32	Maltese Cross	58	Tritoma	61
Crab, Flowering	38	Maples	36-40	Trumpet Flower	46
Crataegus	37	Meadow Sweet	60	Tulip Tree	39
Cucumber Tree	39	Milfoil	54	Ulmus	38-39
Cydonia	40	Mock Orange	43	Varnish Tree	38
Day Lily	56	Mountain Ash	38	Veronica	61
Delphinium	55	Mountain Ash, Weeping	40	Viburnum	45
Deutzia	40	Morus	38-39	Vines, Climbing	46
Dianthus	55	Mulberry, Weeping	40	Walnut	53
Dicentra	56	Mulberries	34, 53	Weigela	41
Dictamnus	56	Nut Trees	33-34-53	Weeping Trees	40
Diervilla	41	Oleaster	41	White Fringe	41
Digitalis	56	Ornamental Dept	35, 61	Whortleberries	34
Dogwood	38, 41	Osage Orange	52	Willow, Weeping	39
Dutchman's Pipe	46	Paeony Tree	43	Wind Flower	54
Elder	44	Papaver	60	Wistaria	46
Eleagnus	41			Yarrow	54
Elm	38			Yucca	61
Elm, Weeping	39			Zebra Grass	56
Empress Tree	39				
Erianthus	56				

ORDER SHEET

Please use this blank in making out an order, and be sure to name age and size, as well as price and amount, on each item. Before you order, read "Terms and Conditions" on page 3.

P. O. _____ State _____ Date _____ 1916

Mr. LEWIS ROESCH, Fredonia, N. Y.

Dear Sir:—Enclosed please find P. O. Order, Express Order, Draft, Cash, Postage Stamps, \$.....for which you will please send by Mail, Express, Freight on or about.....next, the following articles.

This order is given with the understanding that you guarantee everything I order true to name, and of size and quality represented. Should, however, any part prove untrue to label, you are to replace the same free, or return its purchase price, which is to constitute satisfaction in full. In any action to recover damages suffered by the purchaser by reason of any fruit tree or trees not being of the name or variety under which they were tagged and sold, the seller shall have the burden of proof in establishing that any contract not in writing or any provision of any such contract exempting the seller from liability or limiting his liability, was fully understood and agreed to by the purchaser.

Name.....

Post, Express or Freight Office.....

County.....**State**.....

Only amounts less than one dollar may be sent in Postage Stamps. Two-, five- and ten-cent stamps preferred. (Cross out such words above as are not needed to make the proper order.)

[illegible]

[illegible]

Indorsed by Fifty-four States, Territories, Provinces

NURSEYMAN **Lewis Roesch** FREDONIA, N.Y.

Alabama.—Am well pleased with every article. All have such splendid roots.

DR. A. B. ASBURY.

Arizona.—Splendid currant bushes. Dandy roots. Fine and are doing well. MRS. D. E. WHIPPLE.

Arkansas.—Just received the apple trees and must say they are the nicest I ever saw.

C. A. JONES.

California.—Been a customer of yours for over 20 years. Dealings always satisfactory.

D. W. COOLIDGE.

Colorado.—Roses and other shrubs from you are doing fine.

JOHN HOLMES.

Connecticut.—Trees came in good condition. Thanks for promptness. CHAS. E. KELLOGG.

Delaware.—Goods arrived today. It surpasses stock I have bought elsewhere for more money.

L. B. LEACH.

District of Columbia.—Vines duly received. Thanks for promptness. S. B. SHEIBLEY.

Florida.—Much pleased with what I got.

GEO. CAVANAGH.

Georgia.—Received everything in good condition.

AUG. KRAUSE.

Idaho.—The Superb strawberry beats all other strawberries I ever grew.

FRED BAISCH.

Illinois.—I always feel confident of vines true to name when I get them from you.

W. E. JONES.

Indiana.—Received the fruit trees and was very well pleased with them.

JOE F. MARTIN.

Iowa.—Your vines and small fruits made a fine growth. Every one alive.

E. W. CROSS.

Kansas.—Currant plants at hand O. K. and growing nicely.

C. N. SNYDER.

Kentucky.—Vines bought of you were as nice as any one could wish for.

DAN T. FISCHER.

Louisiana.—Grape vines purchased from you are looking and thriving well.

E. A. TULIAN.

Maine.—Trees we got of you are fine, all did well. The plum trees are Perfection.

HANNAH McWILLIAMS.

Maryland.—Planted your grape vines several times. Found them satisfactory. Recommend stock.

RUSSELL MAGRUDER.

Massachusetts.—Vines received O. K. Fine vines and very satisfactory.

H. C. BABCOCK.

Michigan.—Plants received today O. K. Am well pleased with the way you handled the order.

L. D. SWISHER.

Minnesota.—All the stuff you sent me did extra well.

ELLSWORTH SCRANTON.

Mississippi.—Vines received O. K.; the finest roots I ever saw.

DR. F. H. RATHBUN.

Missouri.—Was more than pleased with grape vines and fruit trees. Finest I ever saw.

WALTER J. SHEPARD.

Montana.—Order for grape vines gave such satisfaction that I am placing my order with you again.

J. H. MERCER.

Nebraska.—Trees came in good order and everybody satisfied. Put up splendidly.

CHRIS. GAIL.

New Hampshire.—All the grape vines I got from you have done splendidly.

MRS. B. T. PRESCOTT.

New Jersey.—Your goods are better than any I can get in New Jersey.

J. CORNELL.

Most of the above were received within a year. All came voluntarily.

New Mexico.—Brother planted six acres of your vines. Were both delighted with such fine plants.

E. S. GAYLORD.

New York.—Received shrubs and plants in excellent condition. Thanks for prompt attention.

NELLIE R. HAND.

North Carolina.—Nicer trees, better packed, I never saw. Delighted with them.

H. A. OSBORNE.

North Dakota.—Vines and currants growing nicely. Shall recommend you to my friends.

MRS. C. S. LONGDON.

Ohio.—Thank you for your excellent plants and care in packing.

C. W. SHELDON.

Oklahoma.—I am more than delighted with my grape vines.

A. M. CUMMINS.

Oregon.—Thanks for the excellent stock sent. Although a month on the road they were prime.

J. C. ZINSER.

Pennsylvania.—Received grape roots and thank you for prompt shipping. A fine lot and am pleased.

GEO. MEEHL.

Rhode Island.—Stock received in fine condition.

B. H. BURDON.

South Carolina.—I have some of your grape vines bearing, the finest in the neighborhood.

J. W. WOOD.

South Dakota.—Been getting shrubbery, etc., from you for 15 years. You have always given me a square deal.

J. ROBERTSON.

Tennessee.—Grape vines, cuttings and raspberries reached me in good condition. Splendid stock.

C. F. McFAGH.

Texas.—Order came yesterday, all in good condition. Many thanks for promptness.

R. W. MILLER.

Utah.—Your order duly received and am well satisfied. Thanks.

W. H. HOPKINS.

Vermont.—Received our nursery stock in excellent condition.

RALPH D. LANDON.

Virginia.—Your name has been given me by the Agricultural College, Ithaca, as a trustworthy nurseryman.

W. D. MOUNT.

Washington.—Campbells of last year came O. K. Every one lived through a very dry season and did well.

CHAS. GOULD.

West Virginia.—Plants ordered of you came all right. All fine.

H. N. CROOKE.

Wisconsin.—I am always satisfied with your treatment and the plants and trees.

M. TOZER.

Wyoming.—All plants ordered of you are doing well.

ED. CUSACK.

British Columbia.—The 300 vines grew without exception. They are so robust.

GEO. MURDOCK.

Nova Scotia.—I got some trees of you last season that did remarkably well.

R. McRAE.

Ontario.—Always had good satisfaction in my dealing with you.

REV. J. GANDIER.

Quebec.—Thank you for the splendid plants you sent me.

MRS. C. E. BARRESS.

England.—Had two lots of trees from you. They have given me the greatest satisfaction.

E. CONER WAHL.

Scotland.—Received the plants in good condition.

JEANNIE DUNN.

WHAT OUR NEIGHBORS SAY OF US

We, the undersigned, have known Mr. Lewis Roesch, nurseryman here, for many years. We recommend him to be painstaking, reliable and responsible. The trees and plants we have purchased of him always gave satisfaction in every way.

John S. Lambert, Judge Supreme Court

F. B. Palmer, Formerly Principal State Normal School

Louis McKinstry, Editor and Publisher Fredonia Censor

Myron T. Dana, Principal State Normal School

A. H. Marsh.

E. L. Colvin, Pres. Citizens Trust Co.

We also refer to The United Agencies, R. G. Dun & Co. and Bradstreet's Mercantile Agencies



The Oriental Poppy is a perfectly hardy perennial: radiates an Oriental splendor wherever put. Two plants 10 cents each; thirteen for \$1.00, post paid. See page 60.

The Weigela Rosea is one of our most popular and satisfactory shrubs, exceedingly gay. Price 25c each, five for \$1.00. If by mail add 5c each for postage. See page 41.